

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	15307	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	73152	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	49001	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	927955	20.00	ng/ul	0.12
78) Chrysene-d12	21.08	240	116502	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	92800	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.87	96	15579	54.35	ng/uL	0.00
5) Phenol-d5	6.63	99	238668	170.56	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.76	67	130126	162.24	ng/ul	0.02
9) 2-Chlorophenol-d4	6.95	132	186701	159.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	190227	158.09	ng/ul	0.02
19) Nitrobenzene-d5	8.58	128	94647	142.56	ng/ul	0.02
22) 2-Nitrophenol-d4	9.30	143	114373	149.02	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.84	165	216147	152.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	195275	124.29	ng/ul	0.02
44) Dimethylphthalate-d6	13.53	166	677691	137.21	ng/ul	0.02
47) Acenaphthylene-d8	13.79	160	776276	142.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	103058	161.15	ng/ul	0.04
58) Fluorene-d10	15.11	176	629526	145.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	438	0.06	ng/ul	0.10
71) Anthracene-d10	16.97	188	927955	18.53	ng/ul	0.02
79) Pyrene-d10	19.28	212	938870	139.29	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.10	264	1002158	166.95	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	17244	48.48	ng/uL#	67
4) Benzaldehyde	6.55	77	115193	125.74	ng/ul#	82
6) Phenol	6.66	94	246514	172.99	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.86	93	167501	159.71	ng/ul	99
10) 2-Chlorophenol	6.99	128	184524	160.15	ng/ul	95
11) 2-Methylphenol	7.96	108	441	0.39	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	7.96	45	151172	161.05	ng/ul	97
14) Acetophenone	8.24	105	327736	165.63	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.26	70	182840	150.14	ng/ul#	80
16) 4-Methylphenol	8.24	108	209848	166.42	ng/ul	95
17) Hexachloroethane	8.47	117	92167	154.13	ng/ul#	83
20) Nitrobenzene	8.62	77	271800	145.16	ng/ul	92
21) Isophorone	9.15	82	500529	143.62	ng/ul	97
23) 2-Nitrophenol	9.32	139	115334	144.74	ng/ul	91
24) 2,4-Dimethylphenol	9.41	107	285615	148.91	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.63	93	238074	143.95	ng/ul	99
27) 2,4-Dichlorophenol	9.87	162	206123	153.44	ng/ul	95
28) Naphthalene	10.25	128	604635	144.04	ng/ul	97
30) 4-Chloroaniline	10.38	127	189900	126.11	ng/ul	95
31) Hexachlorobutadiene	10.52	225	164389	141.57	ng/ul	89
32) Caprolactam	11.20	113	44962	76.49	ng/ul	94
33) 4-Chloro-3-methylphenol	11.56	107	253098	140.81	ng/ul#	74
34) 2-Methylnaphthalene	11.88	142	473994	143.00	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	457675	139.10	ng/ul#	90
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	277454	152.99	ng/ul	91
38) Hexachlorocyclopentadiene	12.23	237	158909	237.14	ng/ul#	95
39) 2,4,6-Trichlorophenol	12.53	196	181897	153.51	ng/ul	91
40) 2,4,5-Trichlorophenol	12.61	196	191404	153.82	ng/ul	99
41) 1,1'-Biphenyl	12.93	154	649286	149.02	ng/ul	93
42) 2-Chloronaphthalene	12.96	162	486336	145.83	ng/ul	97
43) 2-Nitroaniline	13.19	65	192307	155.84	ng/ul	96
45) Dimethylphthalate	13.58	163	669308	138.48	ng/ul	96
46) 2,6-Dinitrotoluene	13.71	165	149054	143.09	ng/ul	90
48) Acenaphthylene	13.82	152	773623	141.82	ng/ul	98
49) 3-Nitroaniline	14.04	138	116270	129.11	ng/ul#	90
50) Acenaphthene	14.17	153	533251	145.19	ng/ul	96
51) 2,4-Dinitrophenol	14.35	184	796	1.72	ng/ul	90
53) 4-Nitrophenol	14.40	109	178555	175.87	ng/ul	96
54) Dibenzofuran	14.51	168	808876	149.56	ng/ul	99
55) 2,4-Dinitrotoluene	14.51	165	236887	152.49	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	14.75	232	181553	161.03	ng/ul#	89
57) Diethylphthalate	14.96	149	738693	139.14	ng/ul	97
59) Fluorene	15.16	166	731688	155.82	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.16	204	428928	159.60	ng/ul	92
61) 4-Nitroaniline	15.23	138	124727	135.78	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.36	198	712	0.10	ng/ul#	1
65) N-Nitrosodiphenylamine	15.39	169	567670	18.79	ng/ul	95
66) 4-Bromophenyl-phenylether	16.06	248	270299	20.01	ng/ul	95
67) Hexachlorobenzene	16.18	284	322005	19.61	ng/ul#	90
68) Atrazine	16.36	200	243309	18.35	ng/ul	91
69) Pentachlorophenol	16.66	266	198	0.04	ng/ul	94
70) Phenanthrene	17.00	178	1047158	18.04	ng/ul	100
72) Anthracene	17.00	178	1047158	17.94	ng/ul	94
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	290449	21.01	ng/uL	97
74) Pentachlorobenzene	14.43	250	329406	20.79	ng/uL	95
75) Carbazole	17.28	167	847205	18.84	ng/ul	97
76) Di-n-butylphthalate	17.84	149	1134485	16.67	ng/ul#	97
77) Fluoranthene	18.94	202	1185037	18.86	ng/ul	99
80) Pyrene	19.31	202	1147628	135.15	ng/ul#	95
81) Butylbenzylphthalate	20.22	149	534828	144.12	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.00	252	484615	160.67	ng/ul	92
83) Benzo(a)anthracene	21.06	228	1115311	140.64	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.00	149	830795	165.40	ng/ul	92
85) Chrysene	21.12	228	1035482	141.15	ng/ul#	91
87) Di-n-octyl phthalate	21.86	149	1062460	166.37	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	1176199	167.30	ng/ul#	94
89) Benzo(k)fluoranthene	22.64	252	1150039	171.24	ng/ul	96
91) Benzo(a)pyrene	23.16	252	1065435	168.29	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.44	276	1415649	183.05	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.44	278	1249105	185.34	ng/ul	97
94) Benzo(g,h,i)perylene	26.09	276	1077300	171.00	ng/ul	94

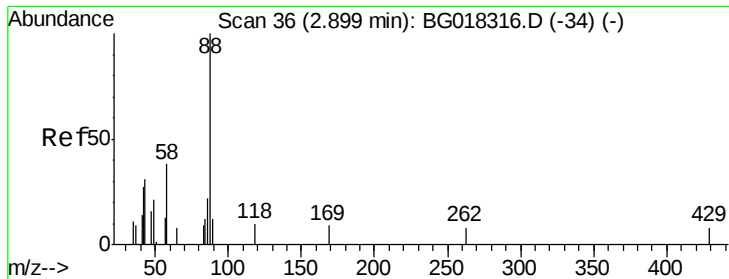
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#2

1,4-Dioxane

Concen: 48.48 ng/uL

RT: 2.90 min Scan# 36

Delta R.T. 0.00 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

SSTD16077

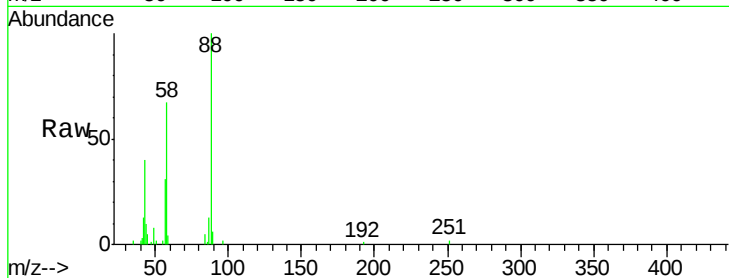
Tgt Ion: 88 Resp: 17244

Ion Ratio Lower Upper

88 100

43 39.8 43.0 64.6#

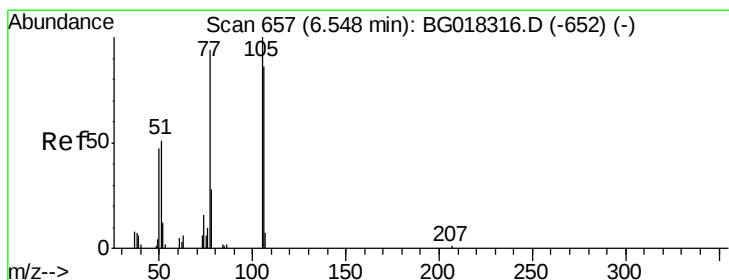
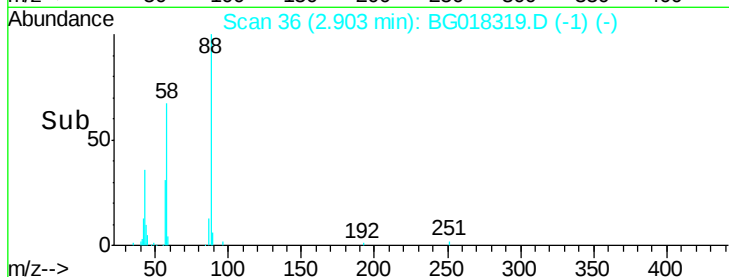
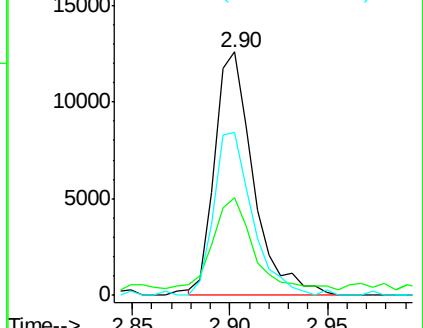
58 66.8 28.6 43.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 125.74 ng/uL

RT: 6.55 min Scan# 657

Delta R.T. 0.00 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

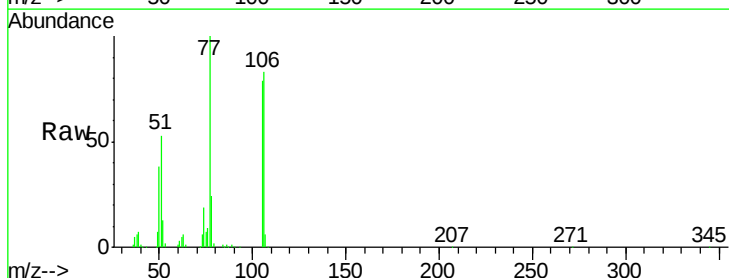
Tgt Ion: 77 Resp: 115193

Ion Ratio Lower Upper

77 100

105 78.8 85.4 128.0#

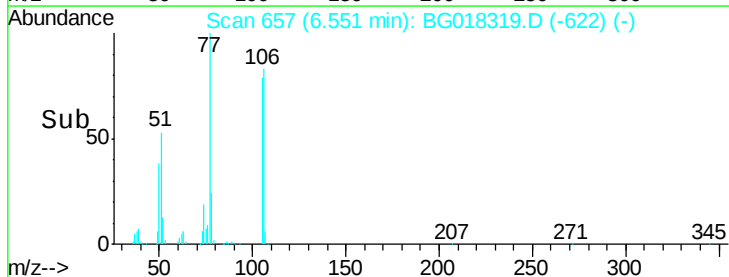
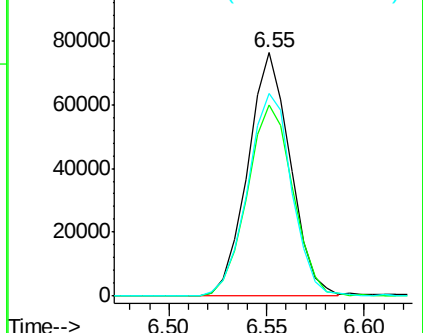
106 83.4 73.0 109.4

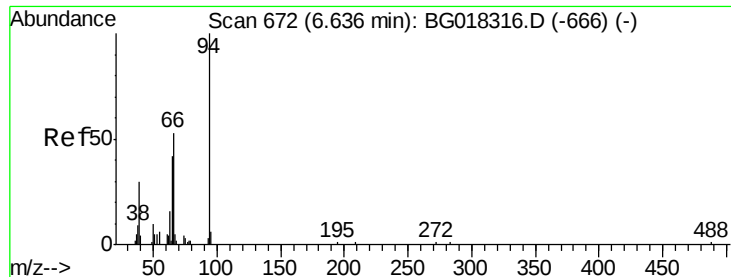


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 172.99 ng/ul

RT: 6.66 min Scan# 675

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

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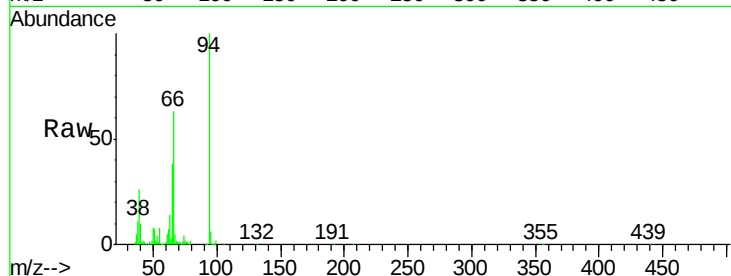
Tgt Ion: 94 Resp: 246514

Ion Ratio Lower Upper

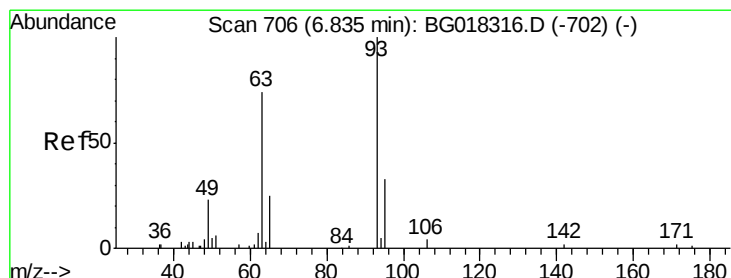
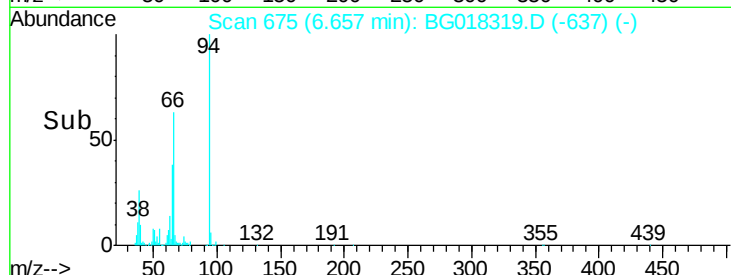
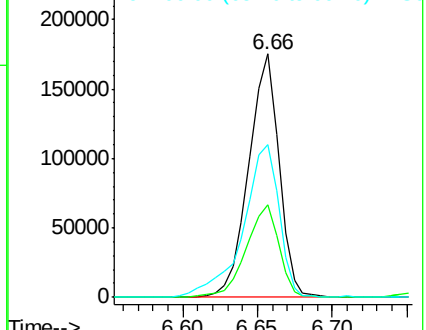
94 100

65 37.9 34.7 52.1

66 62.6 46.7 70.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#8

Bis(2-Chloroethyl)ether

Concen: 159.71 ng/ul

RT: 6.86 min Scan# 709

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

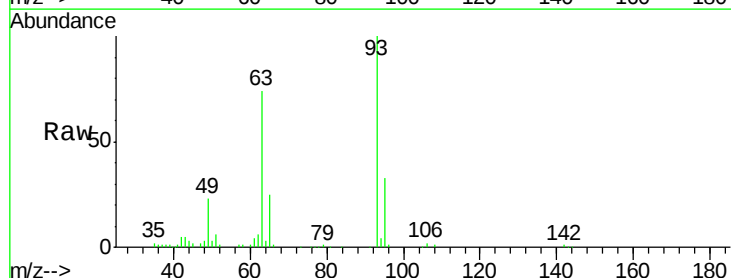
Tgt Ion: 93 Resp: 167501

Ion Ratio Lower Upper

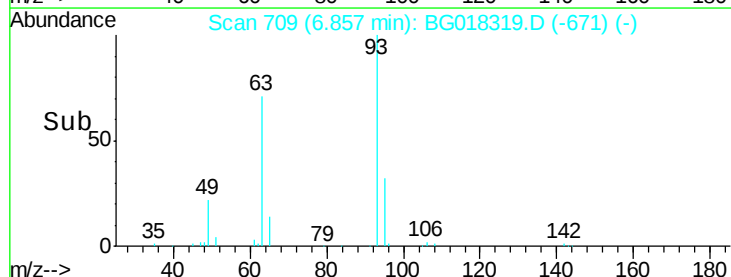
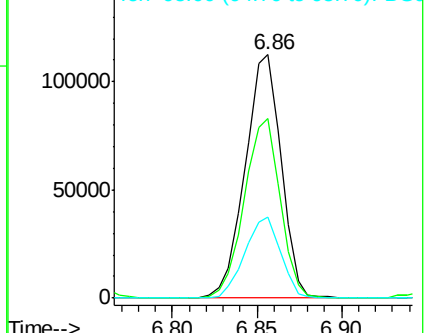
93 100

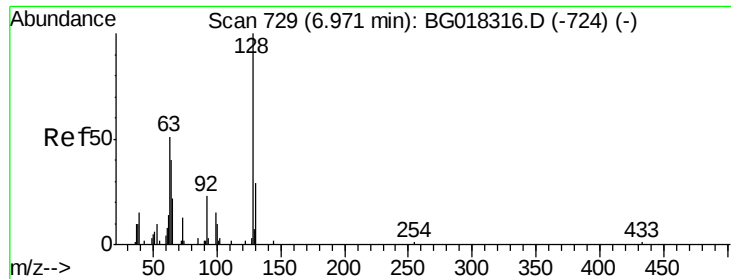
63 73.8 59.3 88.9

95 33.4 26.1 39.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

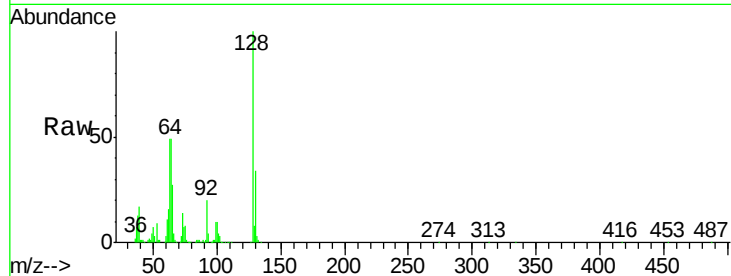




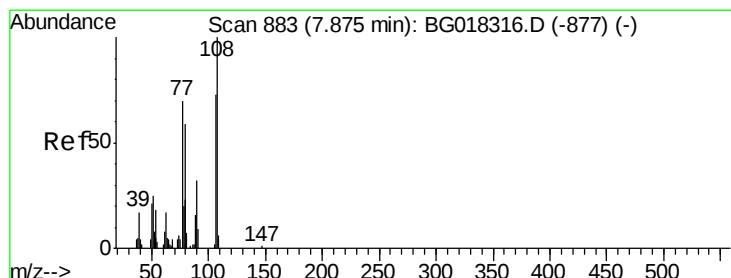
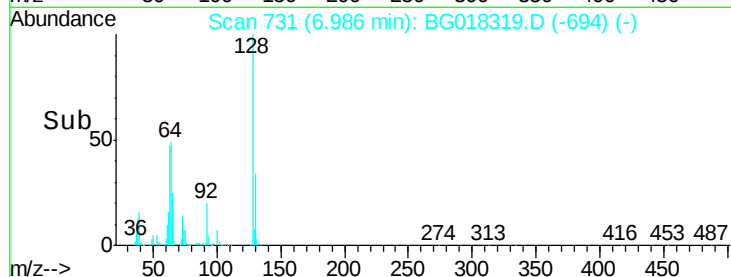
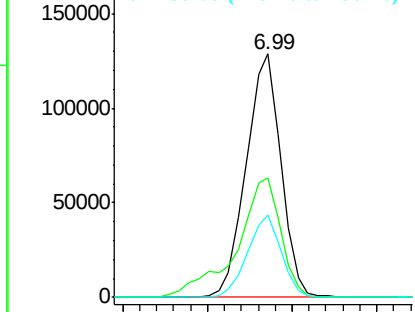
#10
2-Chlorophenol
Concen: 160.15 ng/ul
RT: 6.99 min Scan# 731
Delta R.T. 0.02 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:128 Resp: 184524
Ion Ratio Lower Upper
128 100
64 49.3 41.0 61.4
130 33.9 23.2 34.8

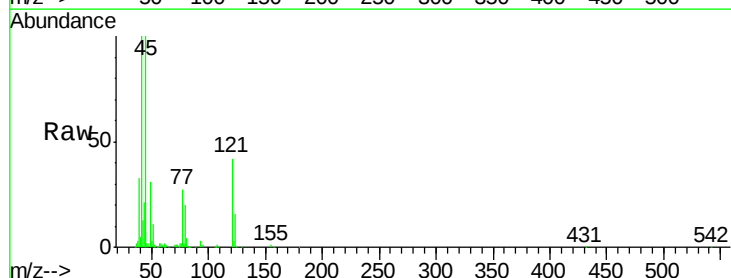


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 130.00 (129.70 to 130.70): E

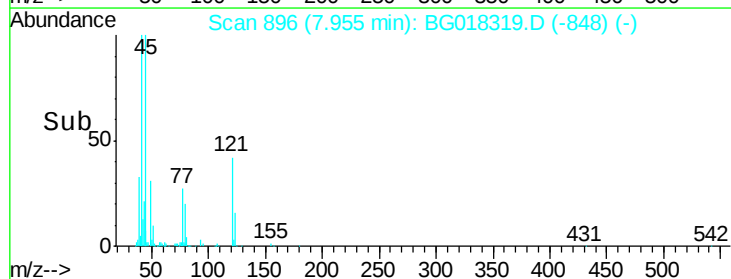
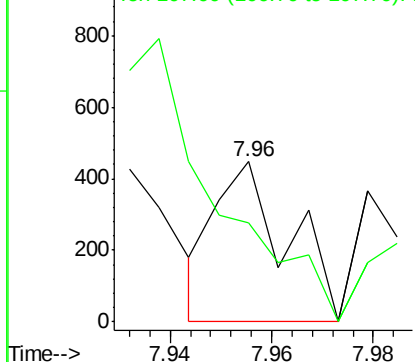


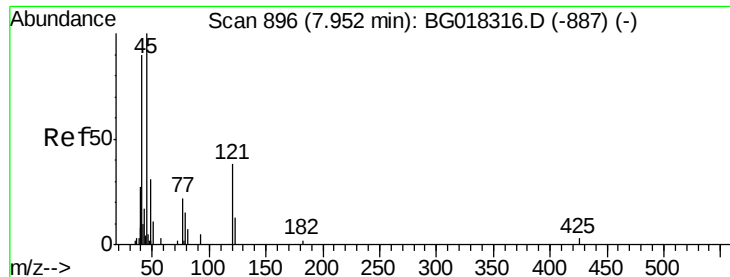
#11
2-Methylphenol
Concen: 0.39 ng/ul
RT: 7.96 min Scan# 896
Delta R.T. 0.08 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

Tgt Ion:108 Resp: 441
Ion Ratio Lower Upper
108 100
107 61.7 59.5 89.3



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

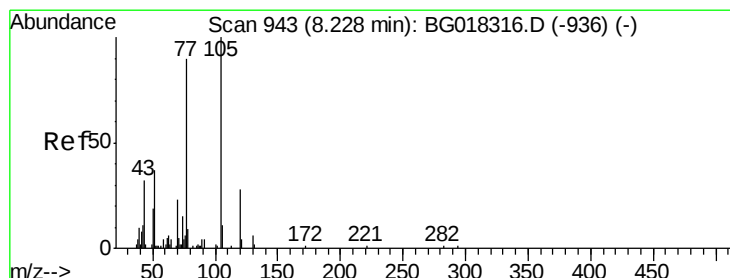
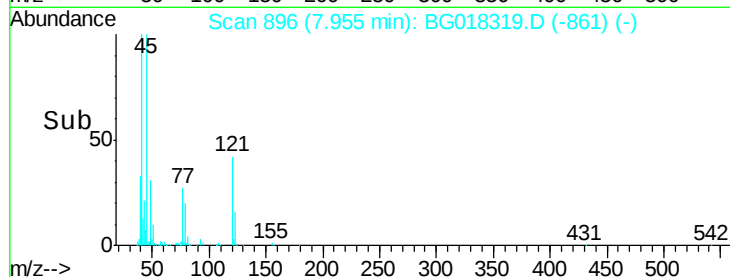
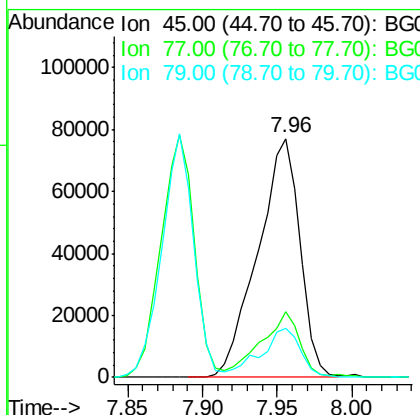
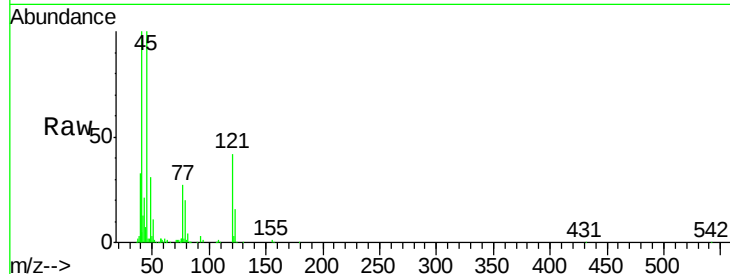




#12
 2,2'-oxybis(1-chloropropane)
 Concen: 161.05 ng/ul
 RT: 7.96 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

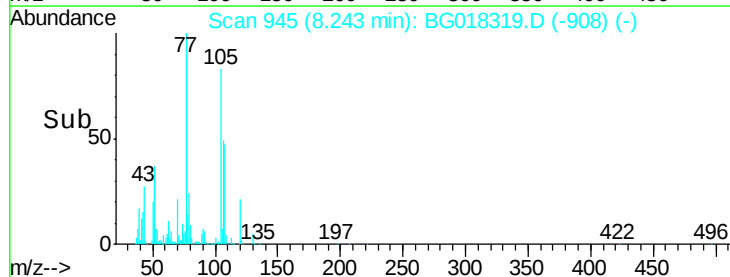
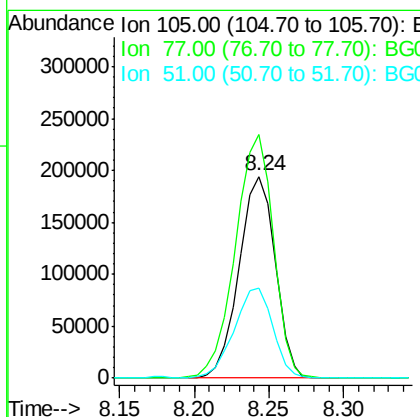
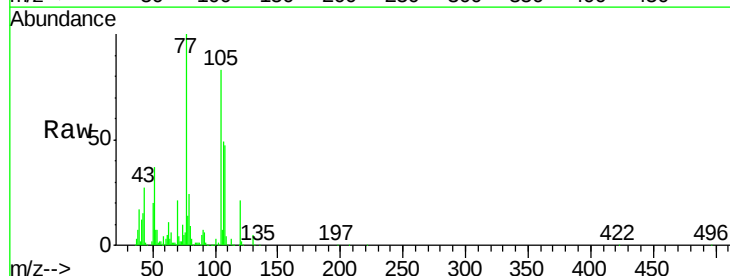
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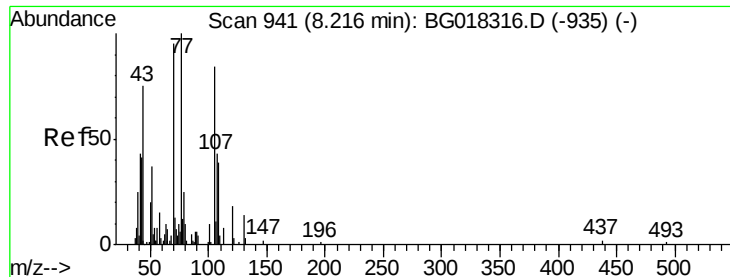
Tgt Ion: 45 Resp: 151172
 Ion Ratio Lower Upper
 45 100
 77 27.2 23.4 35.0
 79 20.3 17.0 25.6



#14
 Acetophenone
 Concen: 165.63 ng/ul
 RT: 8.24 min Scan# 945
 Delta R.T. 0.02 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

Tgt Ion: 105 Resp: 327736
 Ion Ratio Lower Upper
 105 100
 77 120.9 80.2 120.4#
 51 44.9 33.1 49.7

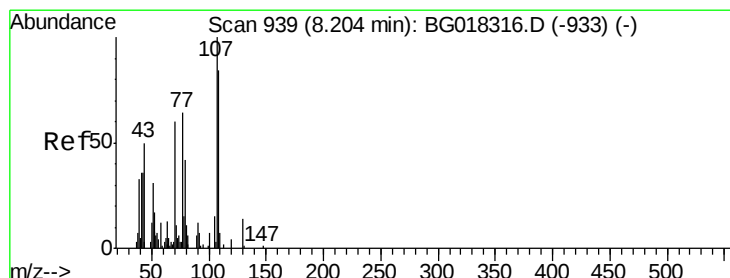
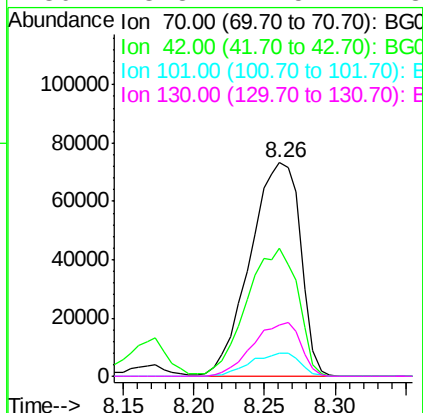
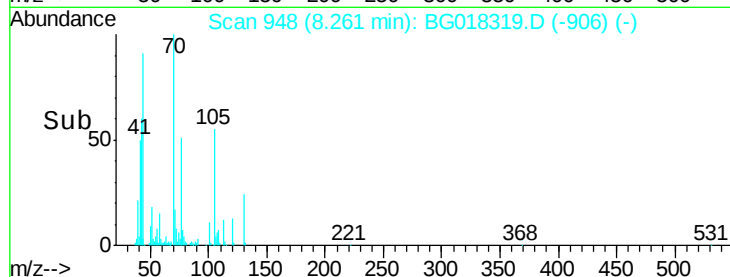
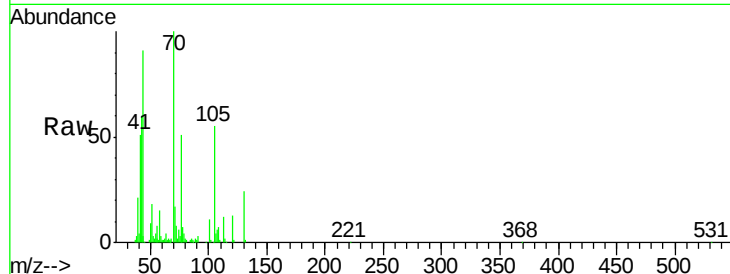




#15
N-Nitroso-di-n-propylamine
Concen: 150.14 ng/ul
RT: 8.26 min Scan# 948
Delta R.T. 0.04 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

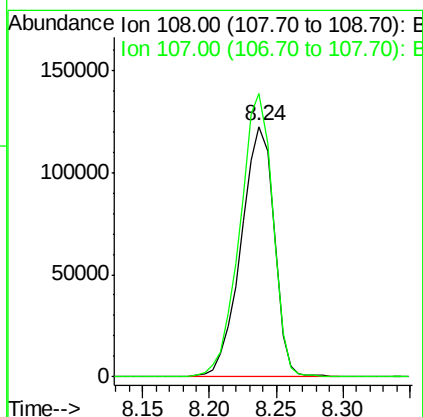
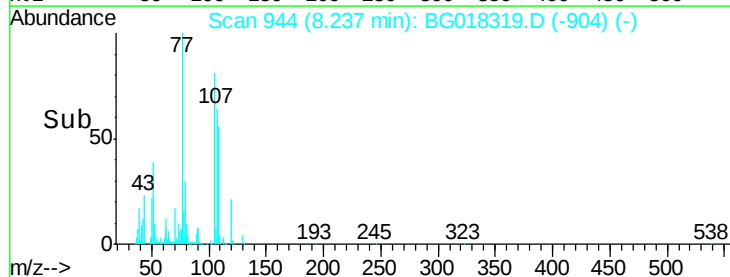
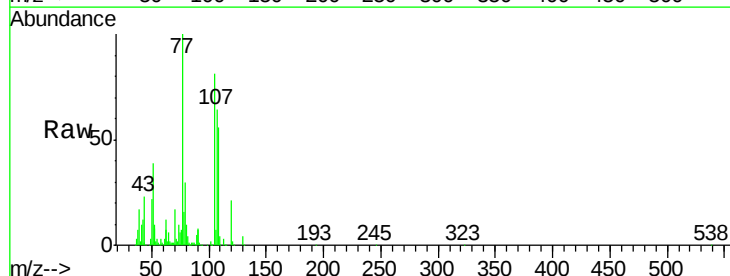
Instrument :
BNA_G
ClientSampleId :
SSTD16077

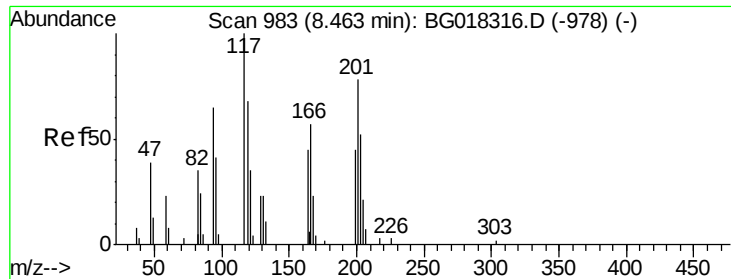
Tgt Ion: 70 Resp: 182840
Ion Ratio Lower Upper
70 100
42 60.1 36.1 54.1#
101 10.8 8.2 12.2
130 23.8 11.5 17.3#



#16
4-Methylphenol
Concen: 166.42 ng/ul
RT: 8.24 min Scan# 944
Delta R.T. 0.03 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

Tgt Ion: 108 Resp: 209848
Ion Ratio Lower Upper
108 100
107 113.1 95.0 142.4

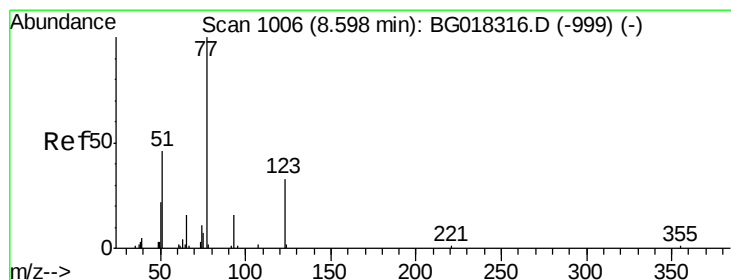
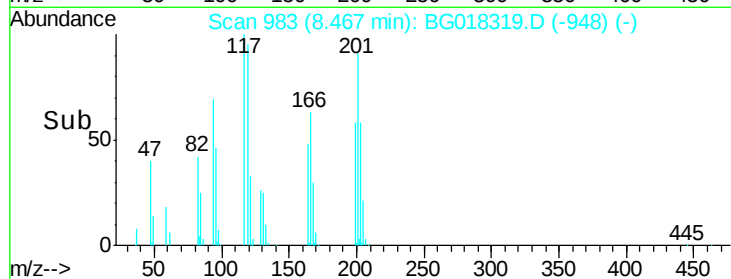
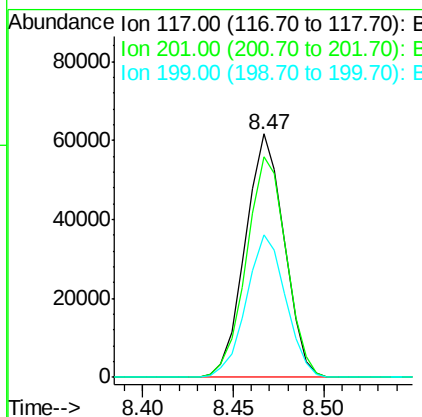
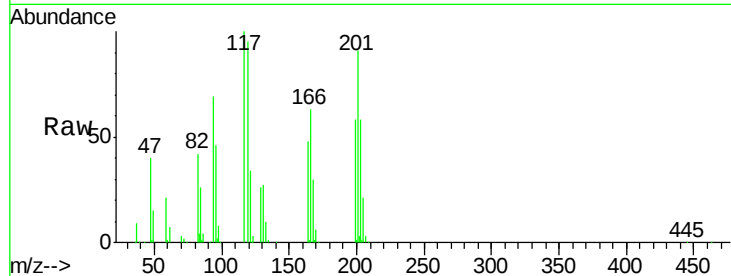




#17
Hexachloroethane
Concen: 154.13 ng/ul
RT: 8.47 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

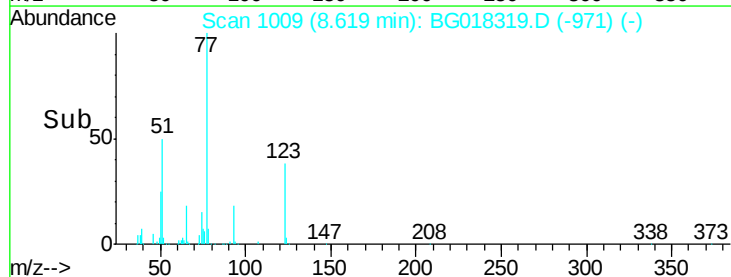
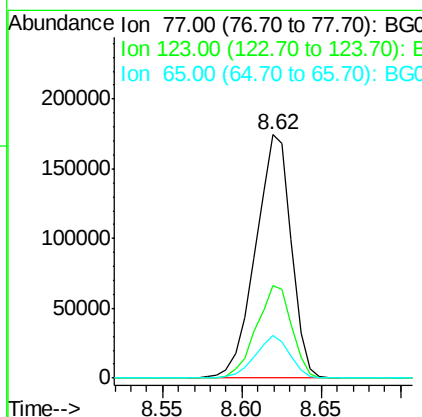
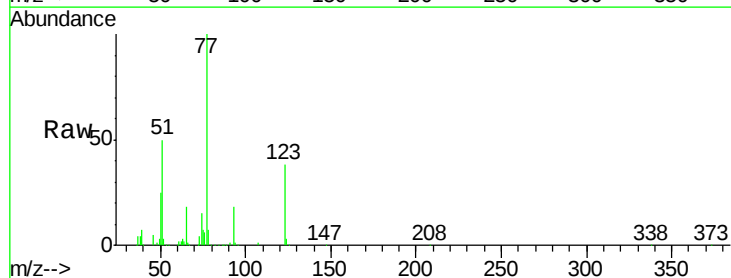
Instrument :
BNA_G
ClientSampleId :
SSTD16077

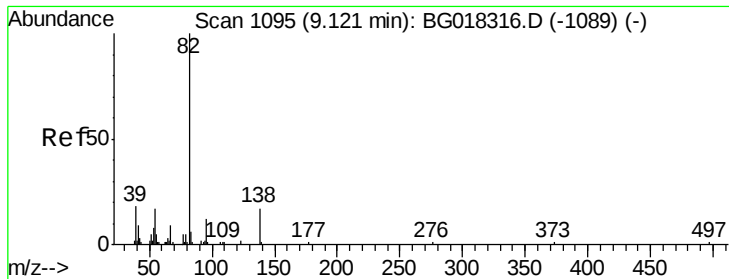
Tgt Ion: 117 Resp: 92167
Ion Ratio Lower Upper
117 100
201 90.7 62.4 93.6
199 58.4 35.7 53.5#



#20
Nitrobenzene
Concen: 145.16 ng/ul
RT: 8.62 min Scan# 1009
Delta R.T. 0.02 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

Tgt Ion: 77 Resp: 271800
Ion Ratio Lower Upper
77 100
123 38.1 26.2 39.4
65 17.7 12.7 19.1





#21

Isophorone

Concen: 143.62 ng/ul

RT: 9.15 min Scan# 1100

Delta R.T. 0.03 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

SSTD16077

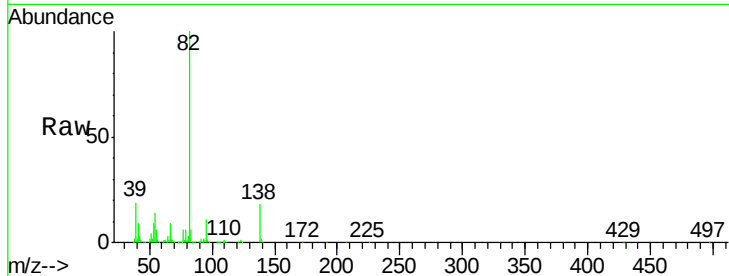
Tgt Ion: 82 Resp: 500529

Ion Ratio Lower Upper

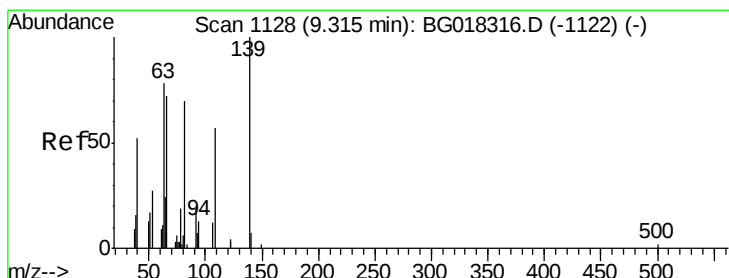
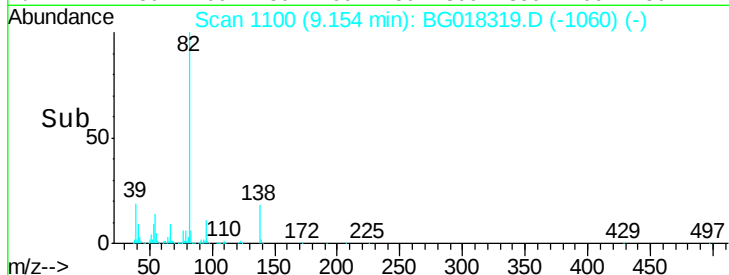
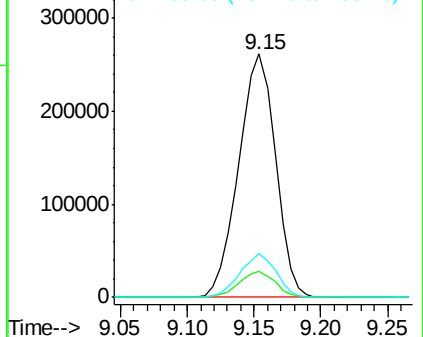
82 100

95 10.5 9.6 14.4

138 18.1 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#23

2-Nitrophenol

Concen: 144.74 ng/ul

RT: 9.32 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

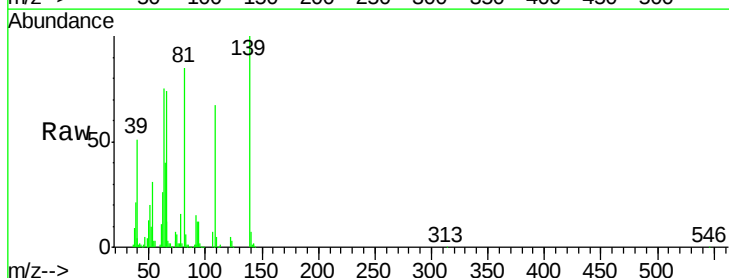
Tgt Ion: 139 Resp: 115334

Ion Ratio Lower Upper

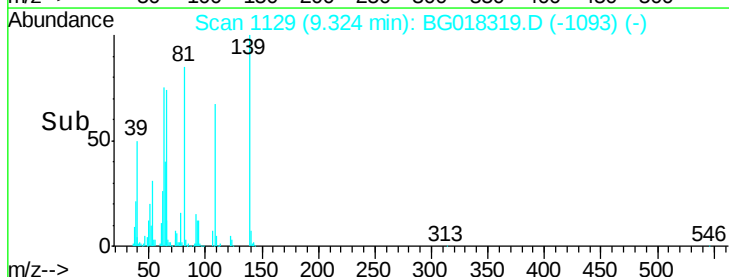
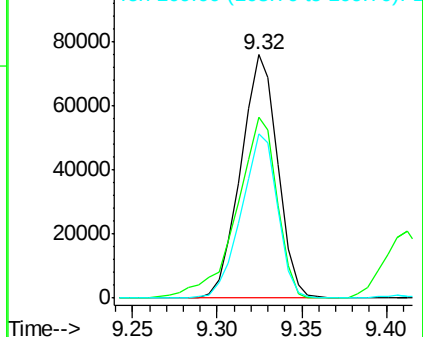
139 100

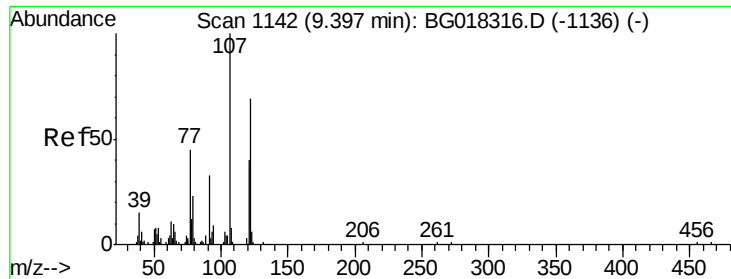
65 74.4 62.9 94.3

109 67.4 45.8 68.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 109.00 (108.70 to 109.70): BGC

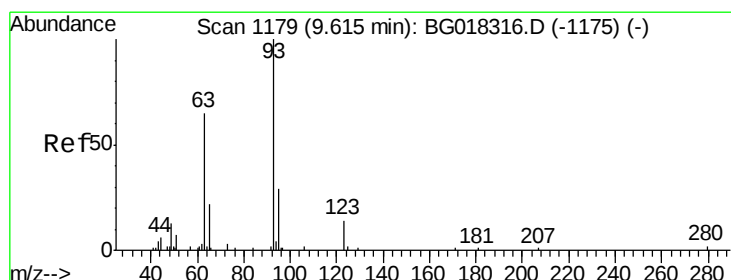
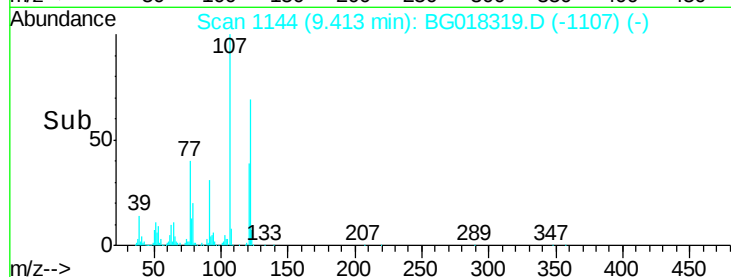
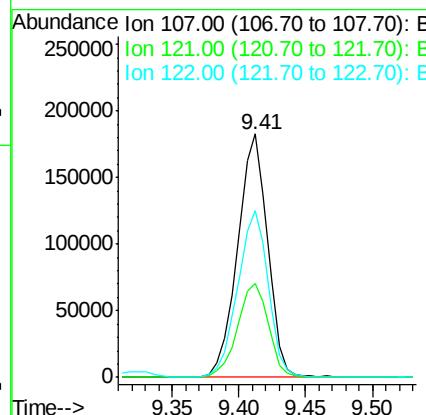
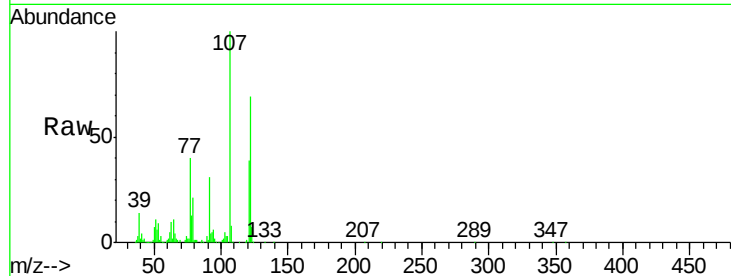




#24
 2,4-Dimethylphenol
 Concen: 148.91 ng/ul
 RT: 9.41 min Scan# 1144
 Delta R.T. 0.02 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

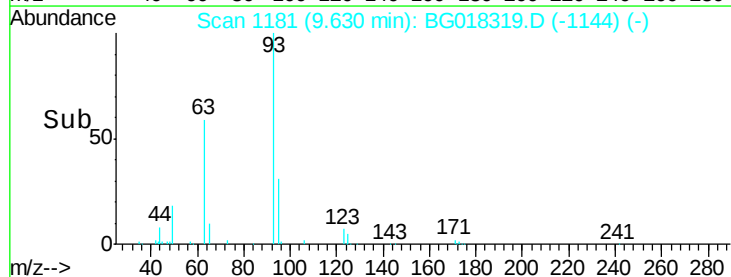
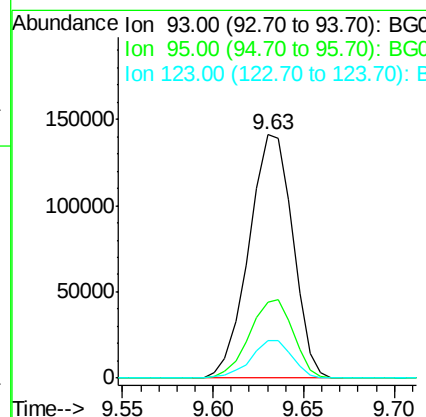
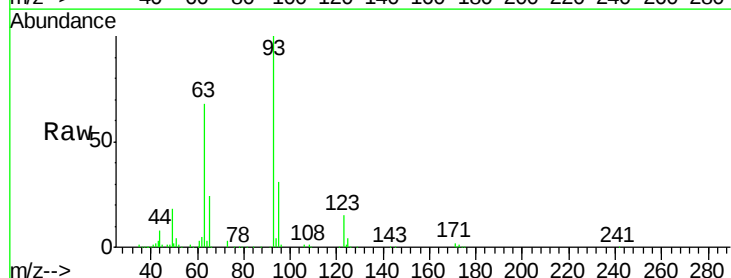
Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

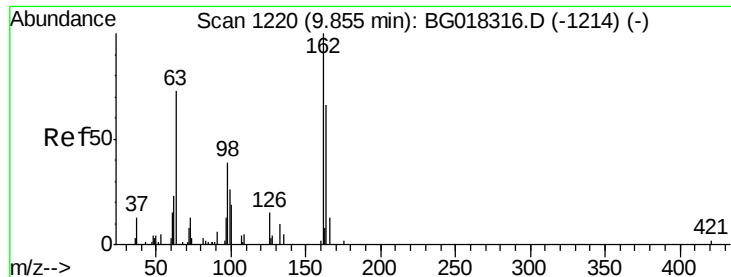
Tgt Ion	Ratio	Lower	Upper
107	100		
121	38.6	32.3	48.5
122	68.8	55.4	83.2



#25
 Bis(2-Chloroethoxy)methane
 Concen: 143.95 ng/ul
 RT: 9.63 min Scan# 1181
 Delta R.T. 0.02 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	24.5	36.7
123	15.2	11.4	17.2

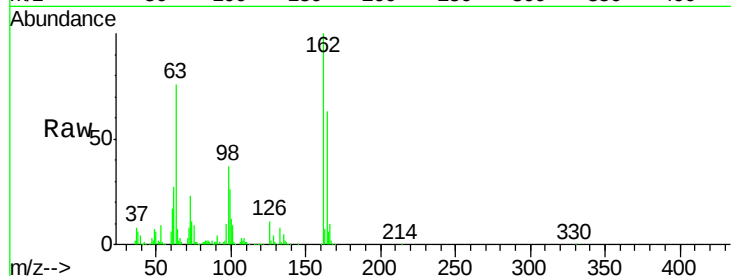




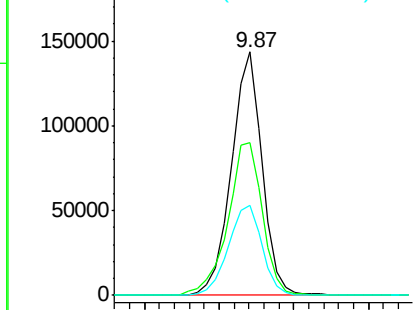
#27
 2,4-Dichlorophenol
 Concen: 153.44 ng/ul
 RT: 9.87 min Scan# 1222
 Delta R.T. 0.02 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

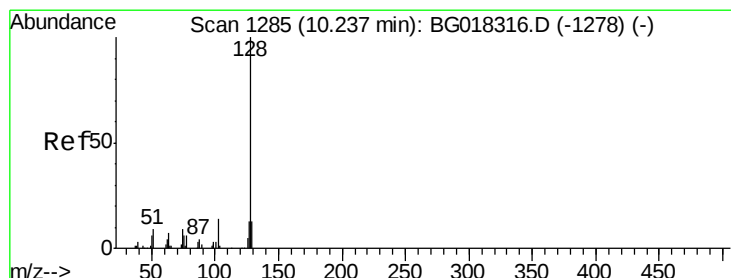
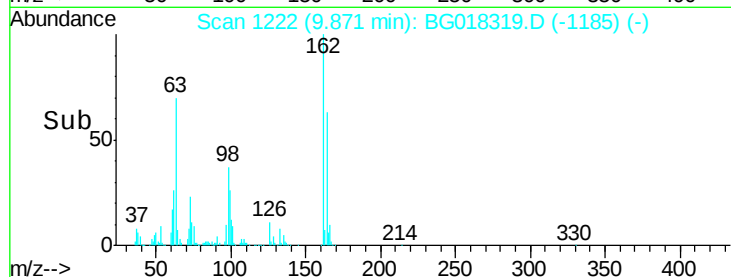
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	53.9	80.9
98	37.1	31.4	47.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

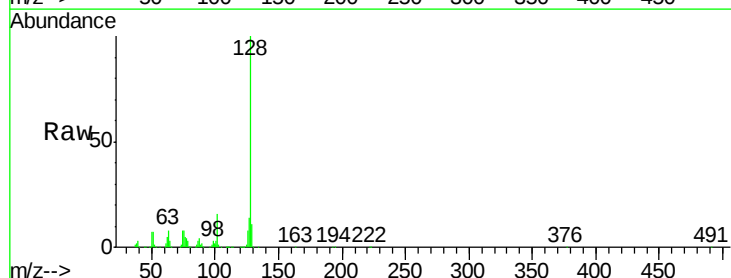


Time-->

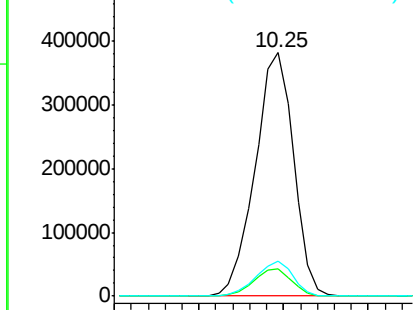


#28
 Naphthalene
 Concen: 144.04 ng/ul
 RT: 10.25 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

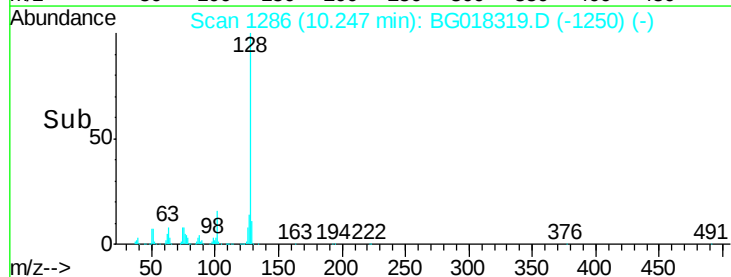
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.2	15.2
127	14.4	10.8	16.2

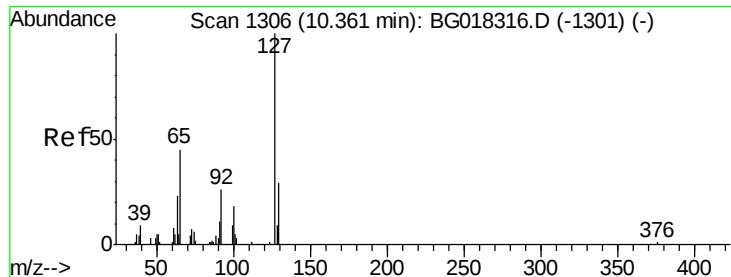


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E



Time-->

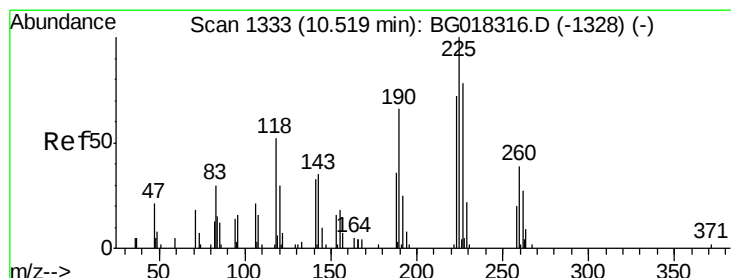
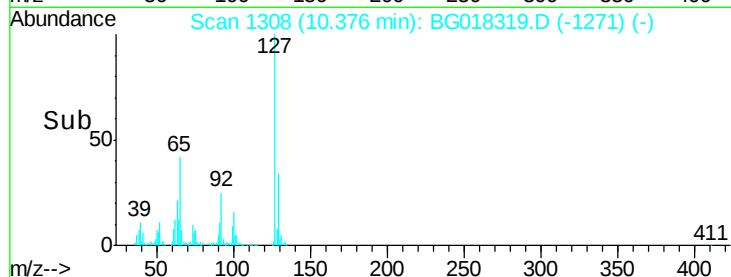
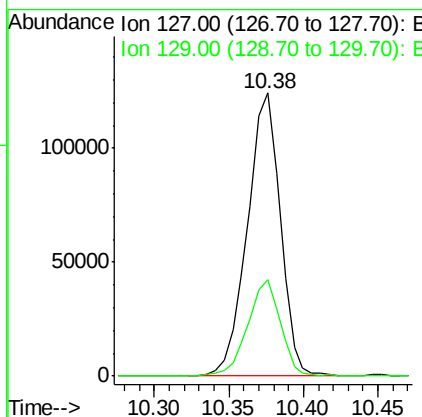
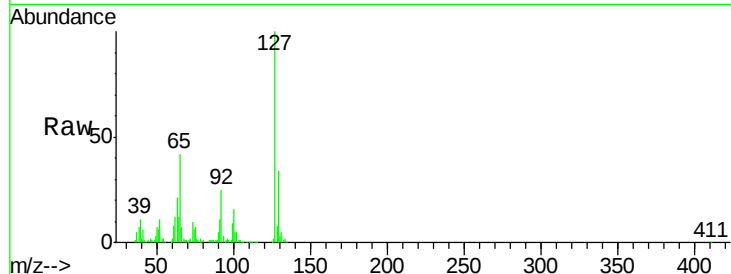




#30
4-Chloroaniline
Concen: 126.11 ng/ul
RT: 10.38 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

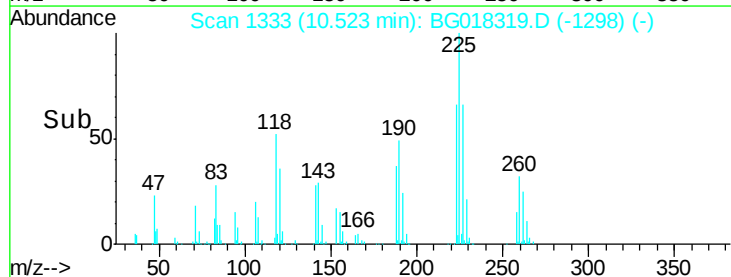
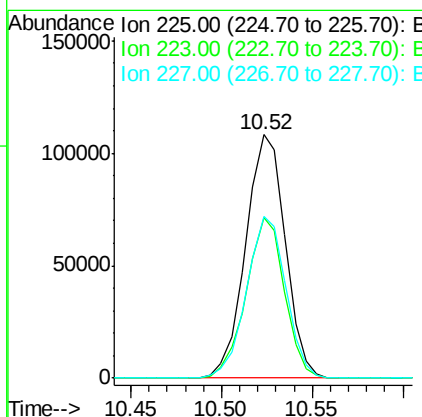
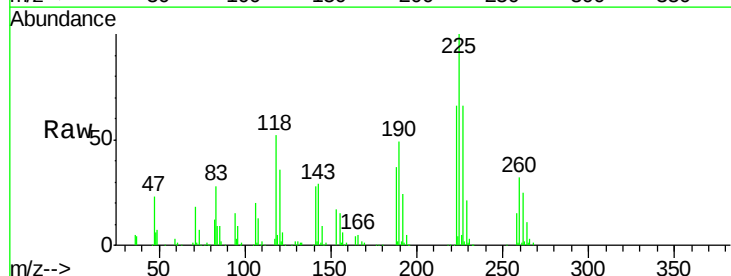
Instrument :
BNA_G
ClientSampleId :
SSTD16077

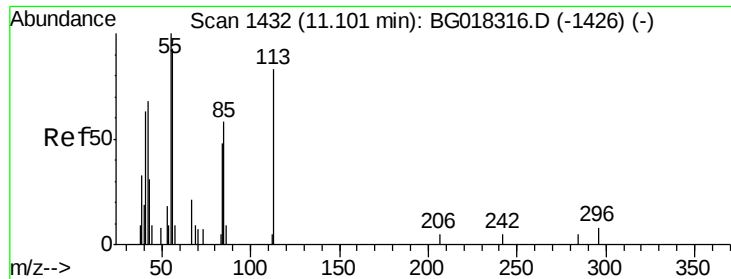
Tgt Ion:127 Resp: 189900
Ion Ratio Lower Upper
127 100
129 34.0 25.0 37.4



#31
Hexachlorobutadiene
Concen: 141.57 ng/ul
RT: 10.52 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

Tgt Ion:225 Resp: 164389
Ion Ratio Lower Upper
225 100
223 66.1 57.4 86.0
227 66.3 62.8 94.2





#32

Caprolactam

Concen: 76.49 ng/ul

RT: 11.20 min Scan# 1448

Delta R.T. 0.10 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

SSTD16077

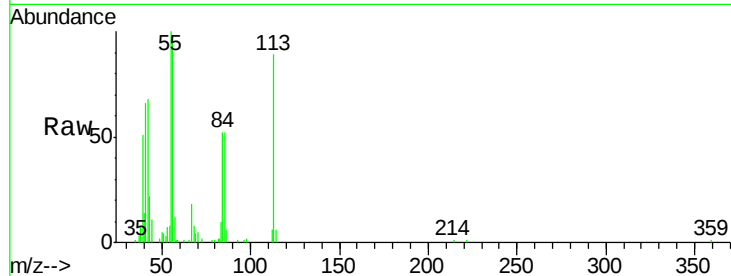
Tgt Ion:113 Resp: 44962

Ion Ratio Lower Upper

113 100

55 112.7 96.6 145.0

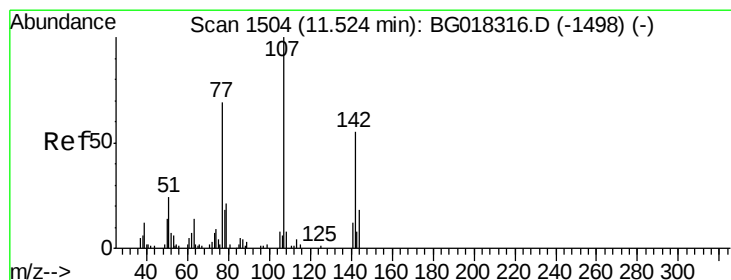
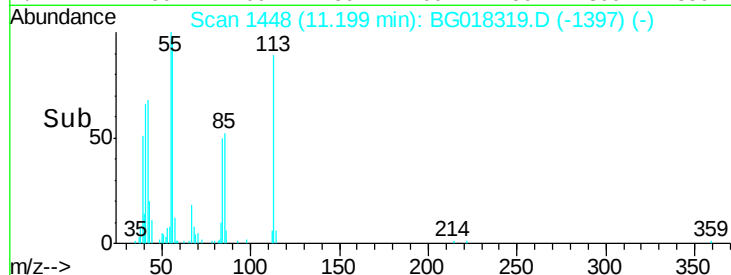
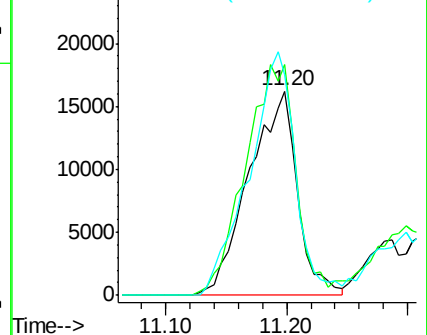
56 108.1 89.8 134.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 140.81 ng/ul

RT: 11.56 min Scan# 1509

Delta R.T. 0.03 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

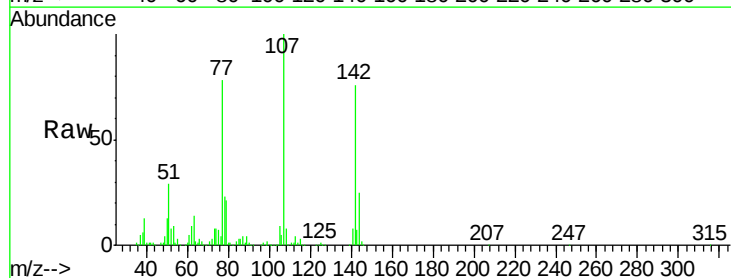
Tgt Ion:107 Resp: 253098

Ion Ratio Lower Upper

107 100

144 25.2 14.2 21.4#

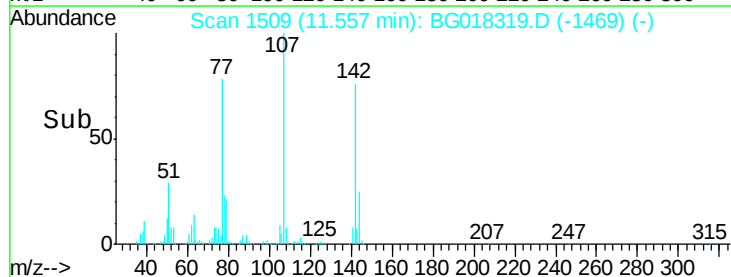
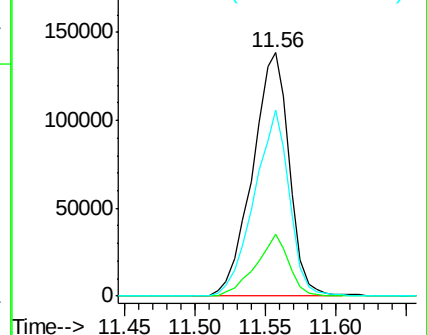
142 76.2 44.2 66.4#

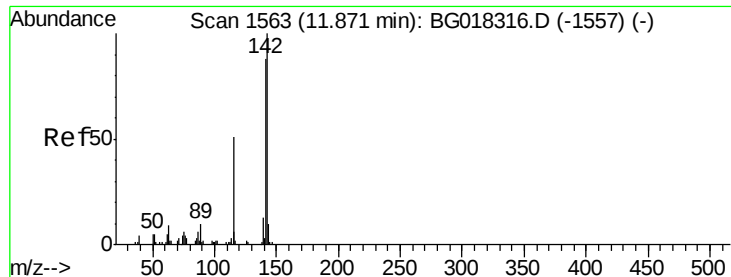


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

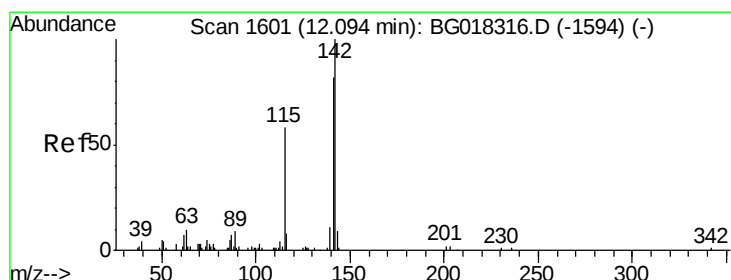
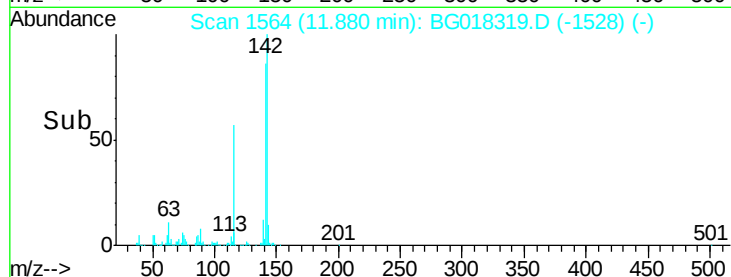
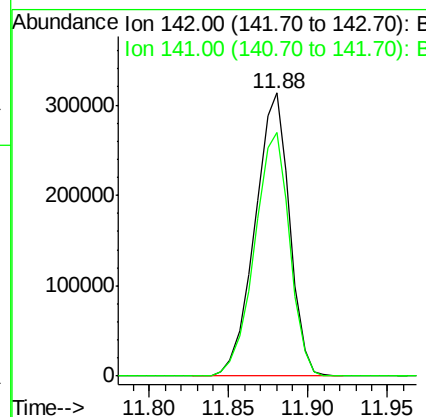
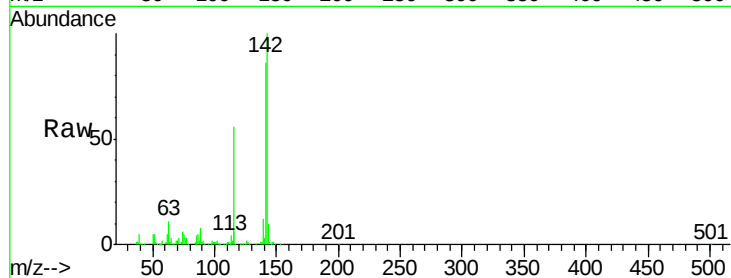




#34
 2-Methylnaphthalene
 Concen: 143.00 ng/ul
 RT: 11.88 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

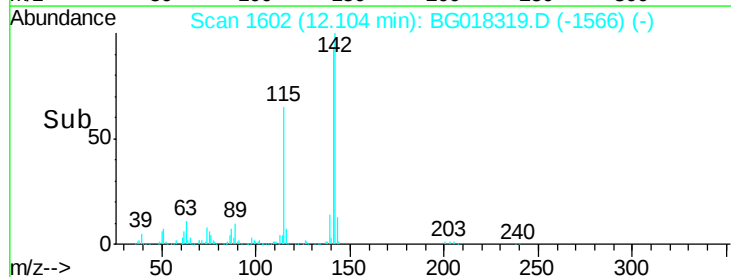
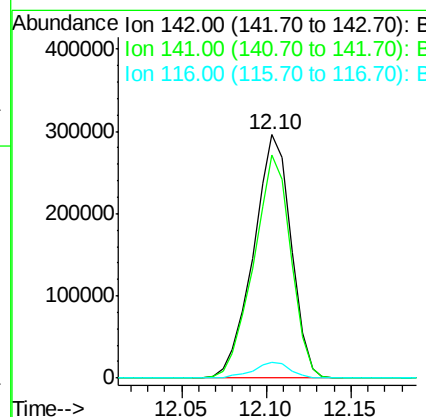
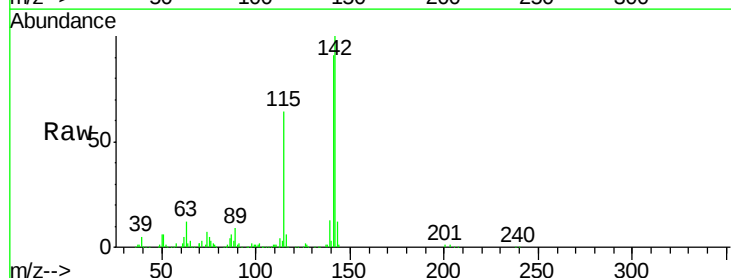
Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

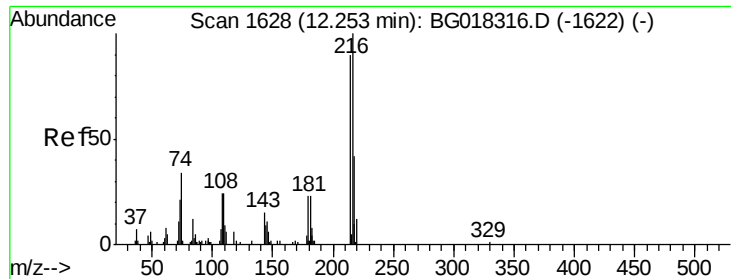
Tgt Ion:142 Resp: 473994
 Ion Ratio Lower Upper
 142 100
 141 86.1 70.4 105.6



#35
 1-Methylnaphthalene
 Concen: 139.10 ng/ul
 RT: 12.10 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

Tgt Ion:142 Resp: 457675
 Ion Ratio Lower Upper
 142 100
 141 91.5 65.4 98.2
 116 6.3 6.3 9.5#

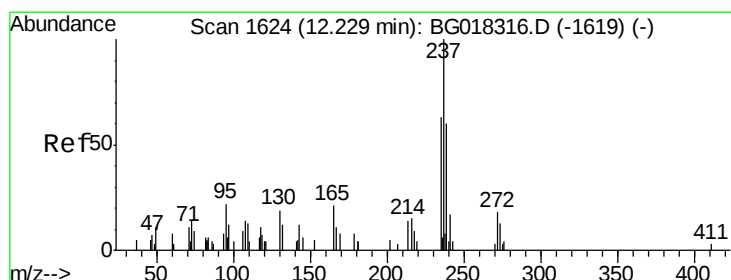
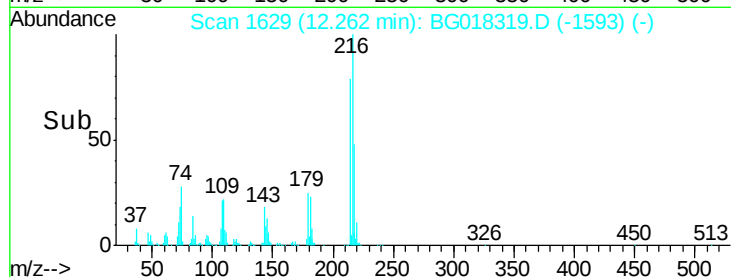
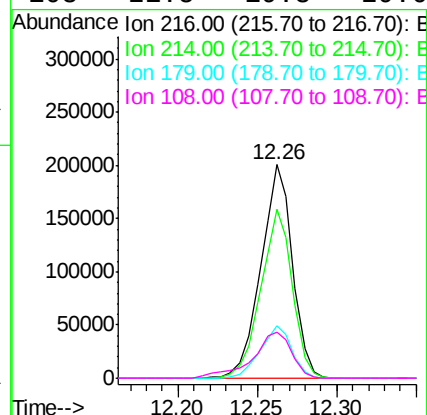
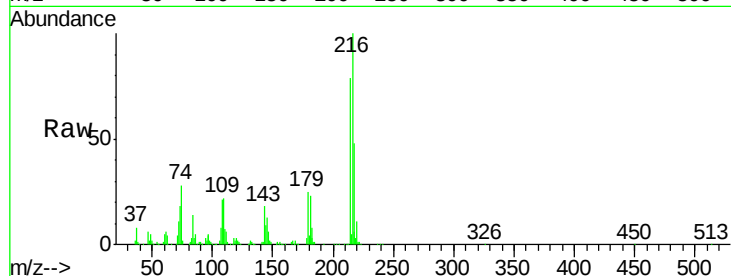




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 152.99 ng/ul
 RT: 12.26 min Scan# 1629
 Delta R.T. 0.01 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

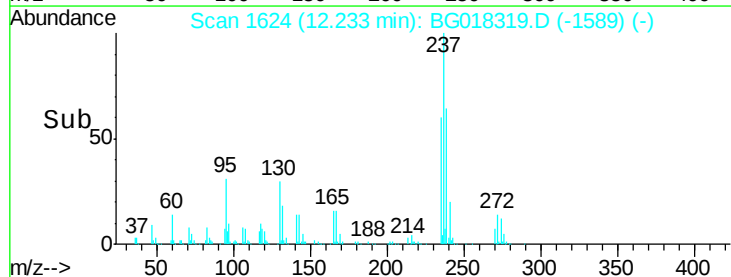
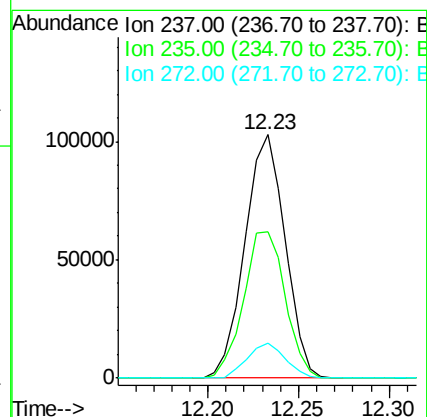
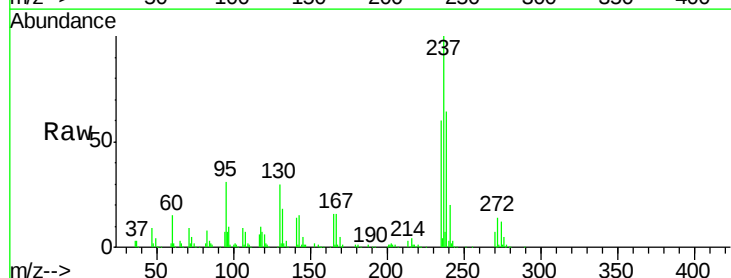
Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

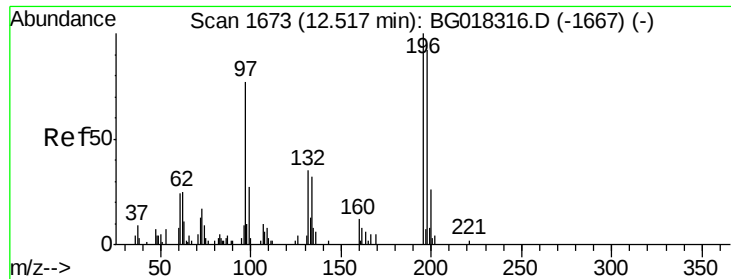
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	72.4	108.6
179	24.8	19.8	29.6
108	21.5	19.8	29.6



#38
 Hexachlorocyclopentadiene
 Concen: 237.14 ng/ul
 RT: 12.23 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

Tgt Ion	Ratio	Lower	Upper
237	100		
235	59.9	50.6	76.0
272	14.4	14.8	22.2#

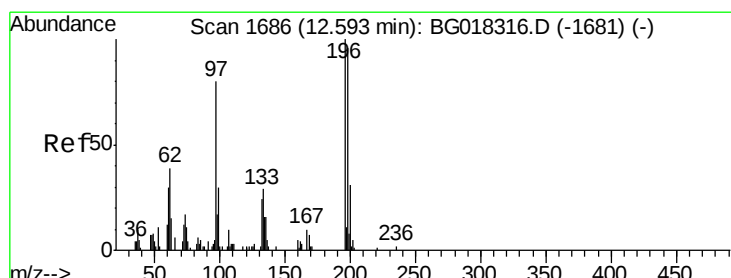
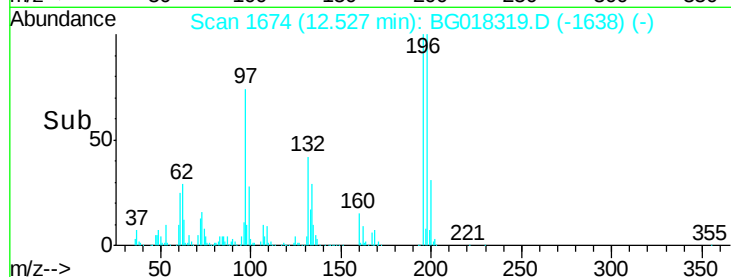
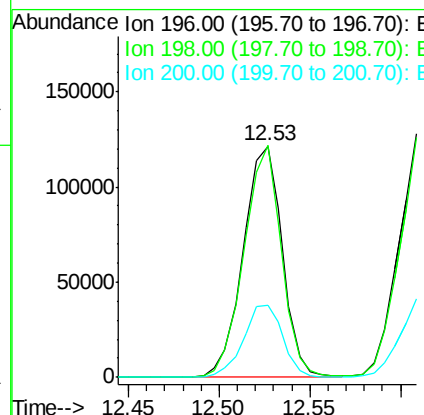
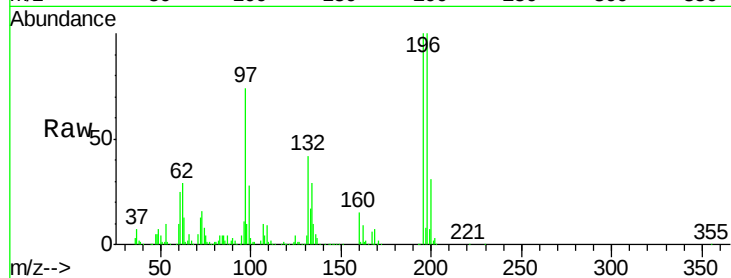




#39
 2,4,6-Trichlorophenol
 Concen: 153.51 ng/ul
 RT: 12.53 min Scan# 1674
 Delta R.T. 0.01 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

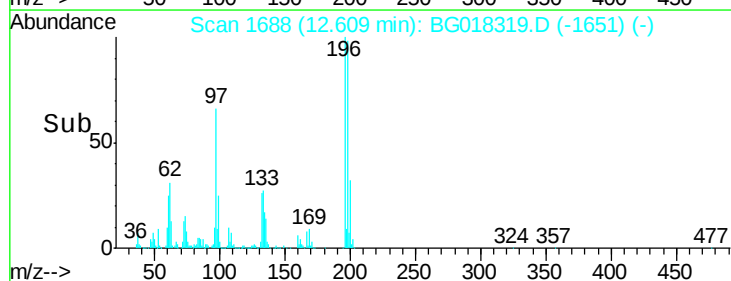
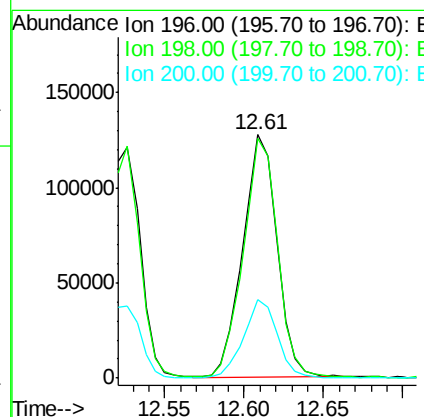
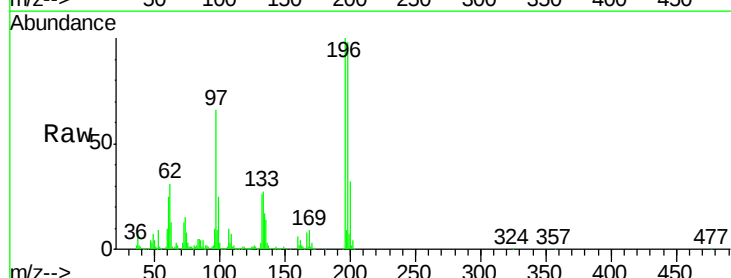
Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

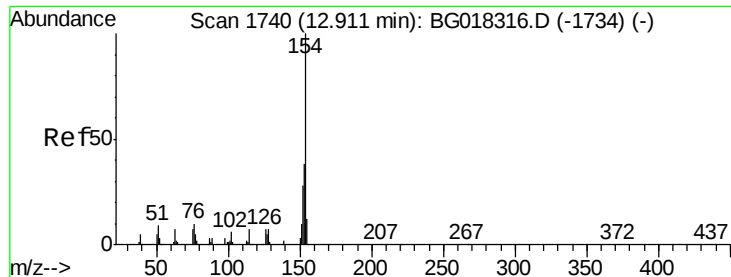
Tgt Ion:196 Resp: 181897
 Ion Ratio Lower Upper
 196 100
 198 100.4 73.7 110.5
 200 31.0 21.1 31.7



#40
 2,4,5-Trichlorophenol
 Concen: 153.82 ng/ul
 RT: 12.61 min Scan# 1688
 Delta R.T. 0.02 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

Tgt Ion:196 Resp: 191404
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.1 117.1
 200 32.4 24.7 37.1

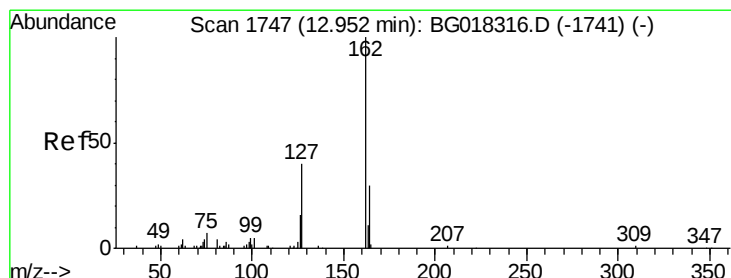
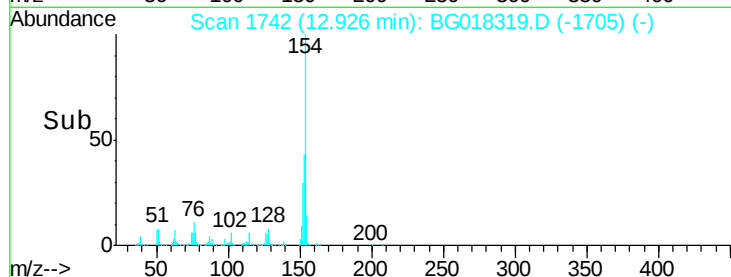
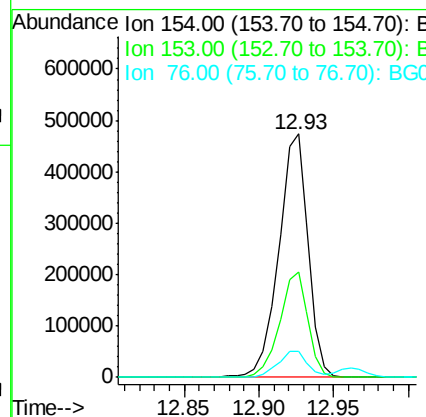
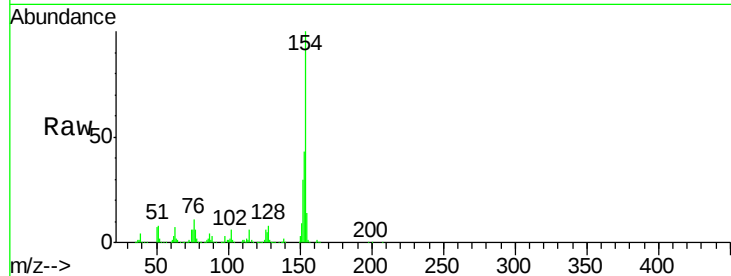




#41
 1,1'-Biphenyl
 Concen: 149.02 ng/ul
 RT: 12.93 min Scan# 1742
 Delta R.T. 0.02 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

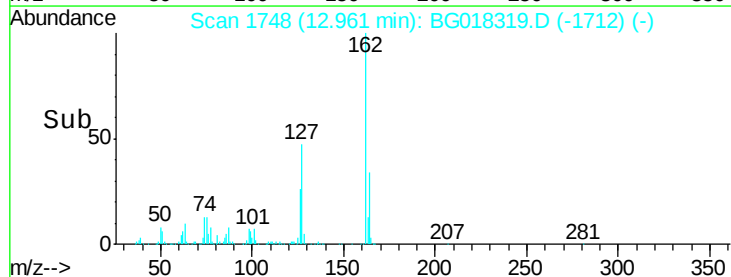
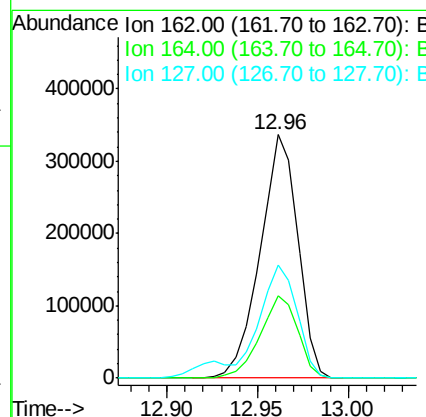
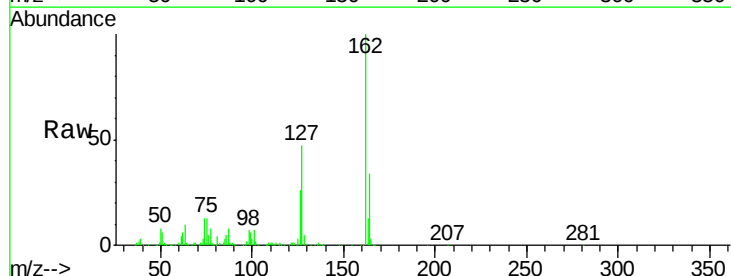
Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

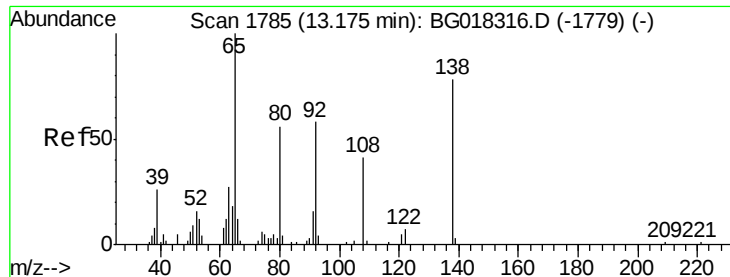
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	30.6	45.8
76	10.6	8.2	12.4



#42
 2-Chloronaphthalene
 Concen: 145.83 ng/ul
 RT: 12.96 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.6	24.3	36.5
127	46.6	36.6	54.8

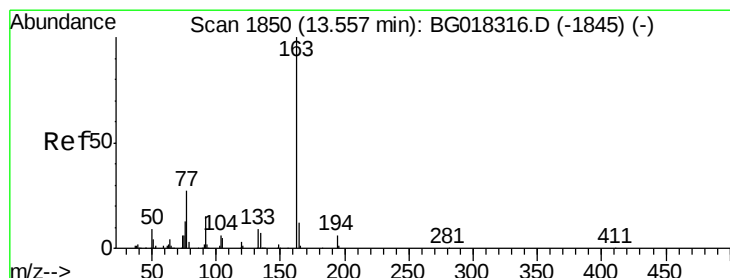
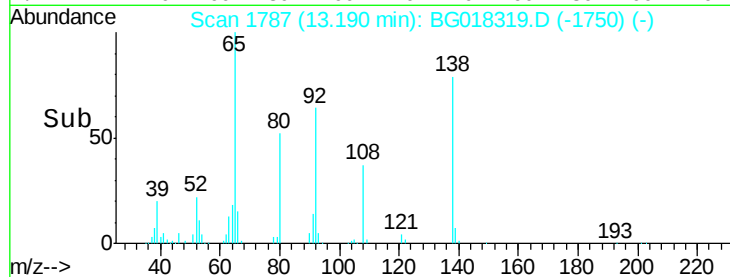
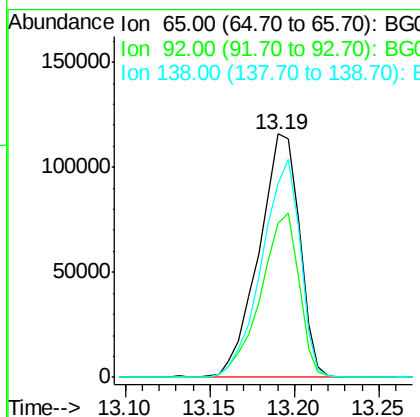
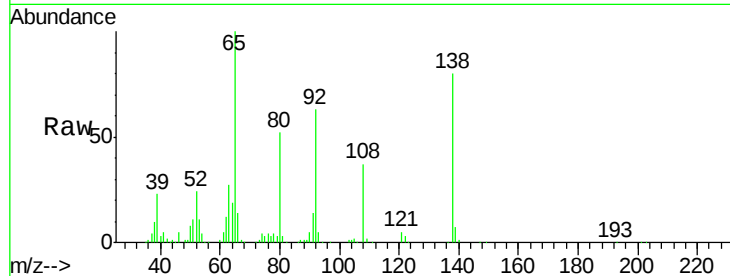




#43
2-Nitroaniline
Concen: 155.84 ng/ul
RT: 13.19 min Scan# 1787
Delta R.T. 0.02 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

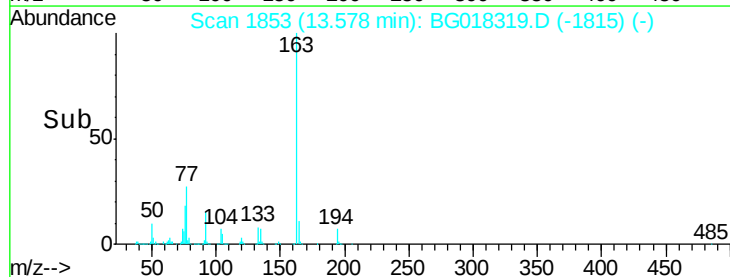
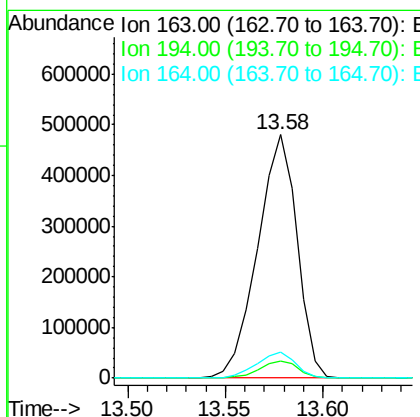
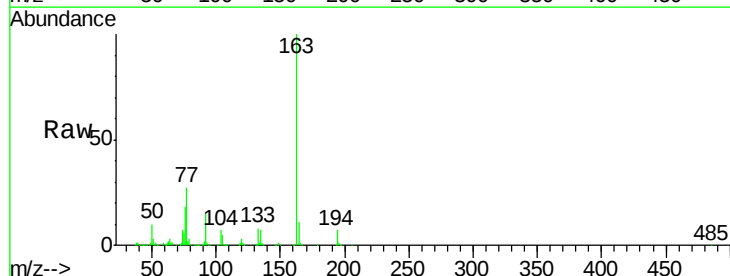
Instrument :
BNA_G
ClientSampleId :
SSTD16077

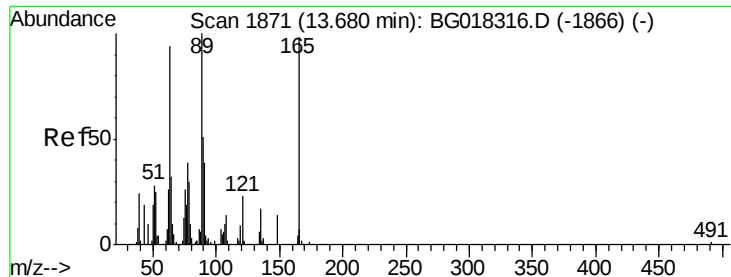
Tgt Ion: 65 Resp: 192307
Ion Ratio Lower Upper
65 100
92 63.4 46.7 70.1
138 79.8 62.3 93.5



#45
Dimethylphthalate
Concen: 138.48 ng/ul
RT: 13.58 min Scan# 1853
Delta R.T. 0.02 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

Tgt Ion: 163 Resp: 669308
Ion Ratio Lower Upper
163 100
194 6.9 4.6 7.0
164 10.5 9.8 14.8

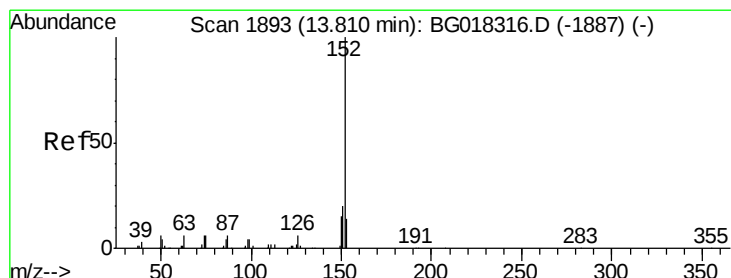
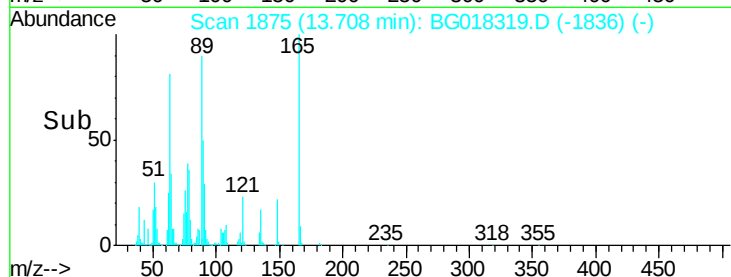
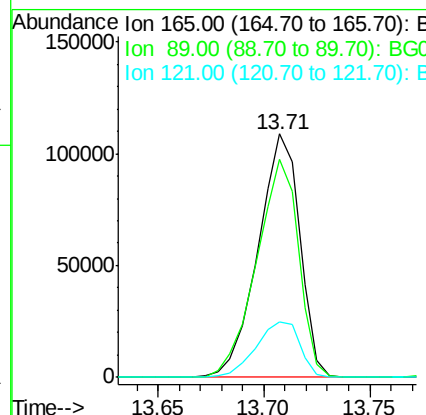
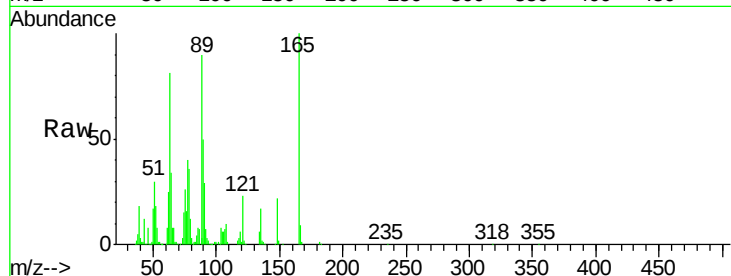




#46
 2,6-Dinitrotoluene
 Concen: 143.09 ng/ul
 RT: 13.71 min Scan# 1875
 Delta R.T. 0.03 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

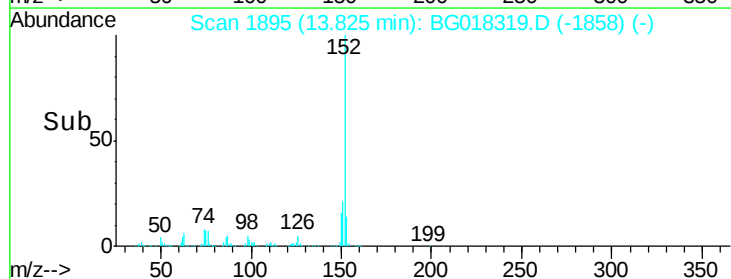
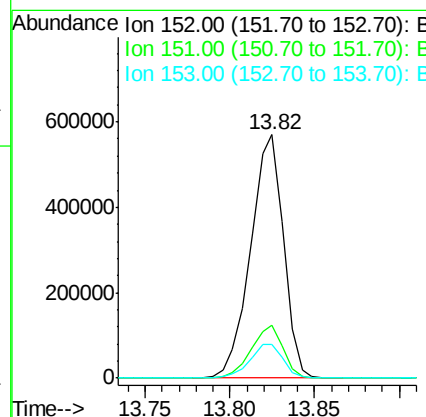
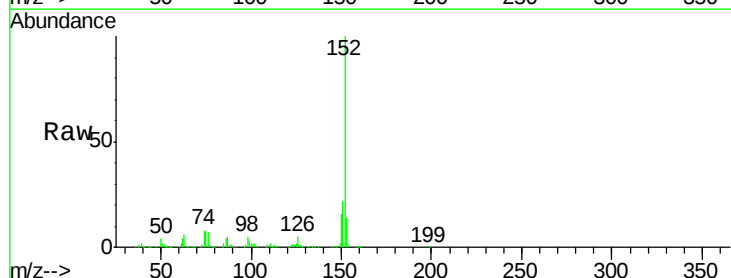
Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

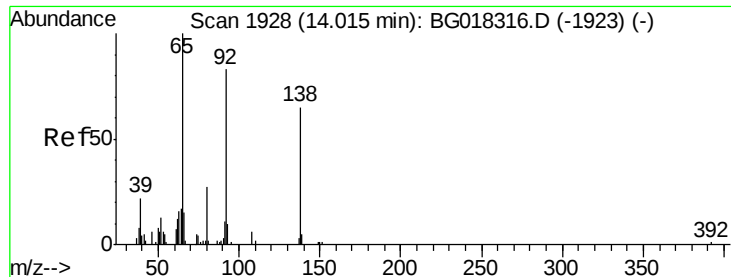
Tgt Ion	Ratio	Lower	Upper
165	100		
89	89.6	81.4	122.0
121	22.6	18.7	28.1



#48
 Acenaphthylene
 Concen: 141.82 ng/ul
 RT: 13.82 min Scan# 1895
 Delta R.T. 0.02 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.9	23.9
153	14.1	11.3	16.9

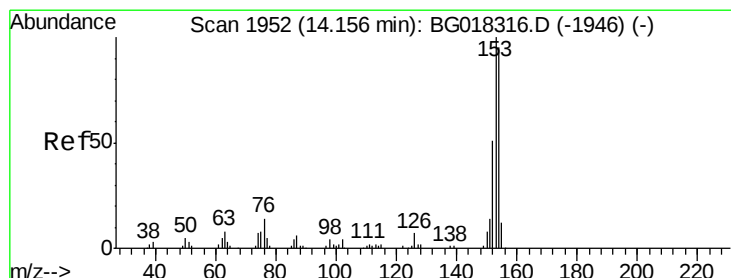
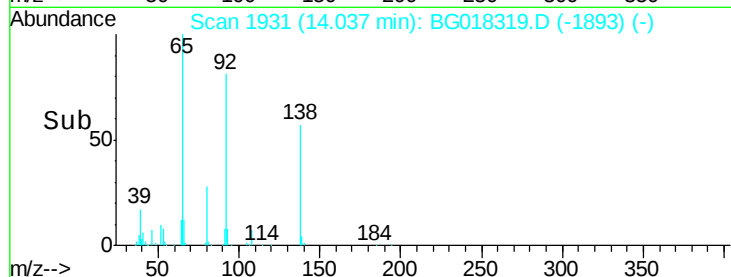
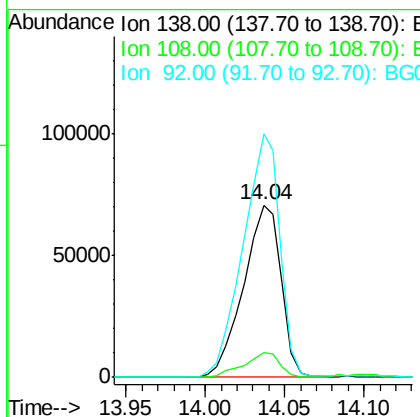
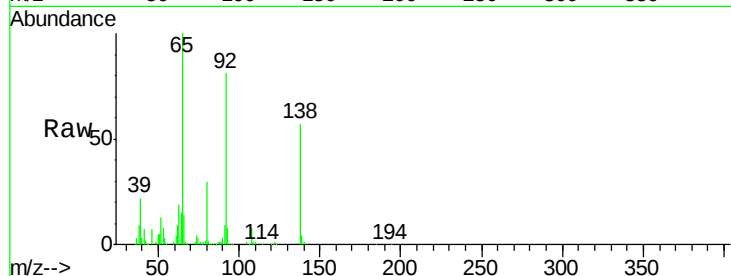




#49
3-Nitroaniline
Concen: 129.11 ng/ul
RT: 14.04 min Scan# 1931
Delta R.T. 0.02 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

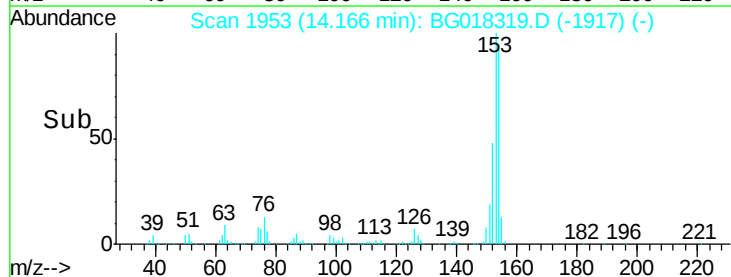
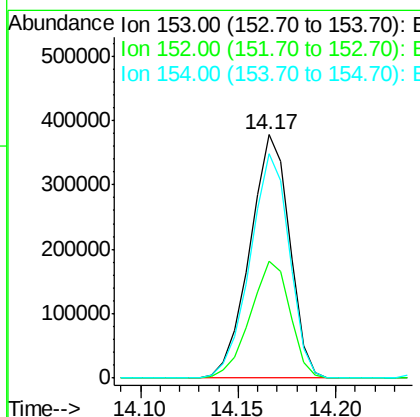
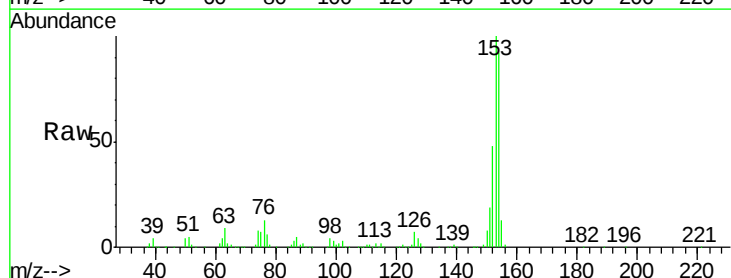
Instrument :
BNA_G
ClientSampleId :
SSTD16077

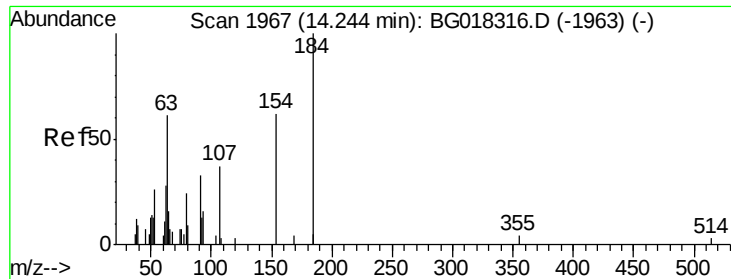
Tgt Ion:138 Resp: 116270
Ion Ratio Lower Upper
138 100
108 14.1 7.0 10.6#
92 141.5 103.9 155.9



#50
Acenaphthene
Concen: 145.19 ng/ul
RT: 14.17 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

Tgt Ion:153 Resp: 533251
Ion Ratio Lower Upper
153 100
152 48.2 41.1 61.7
154 92.0 76.2 114.2

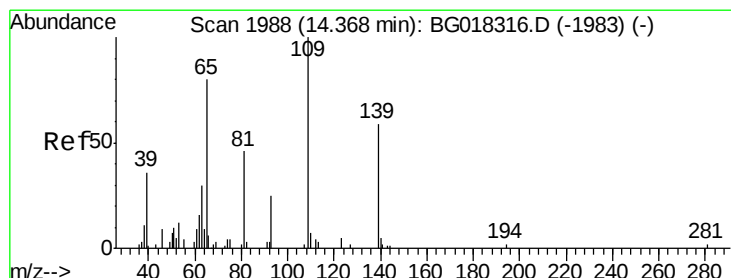
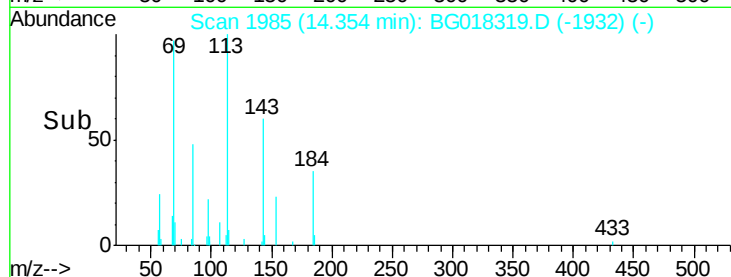
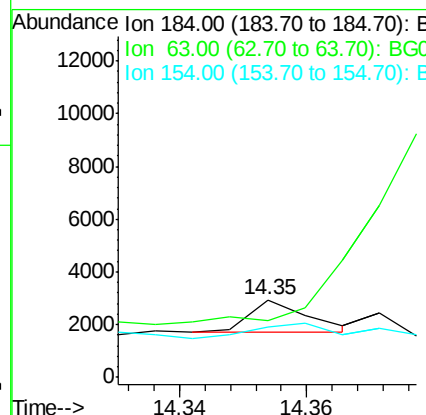
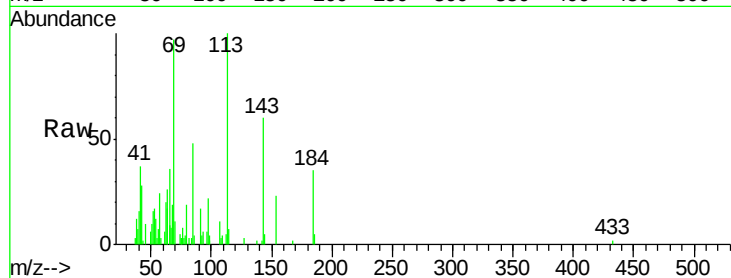




#51
2,4-Dinitrophenol
Concen: 1.72 ng/ul
RT: 14.35 min Scan# 1985
Delta R.T. 0.11 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

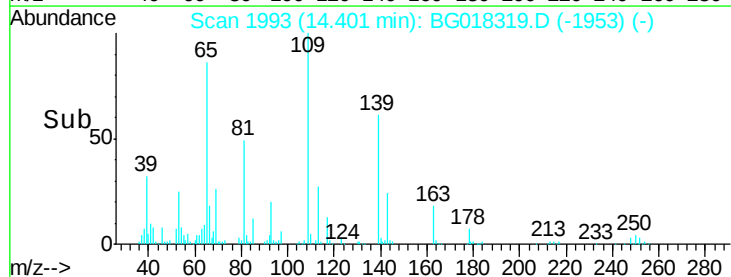
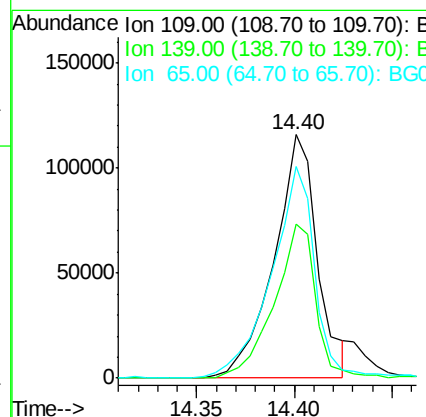
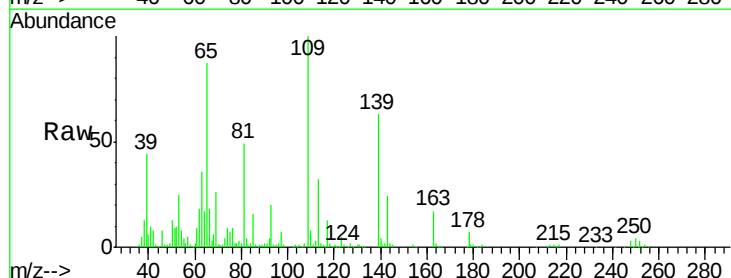
Instrument :
BNA_G
ClientSampleId :
SSTD16077

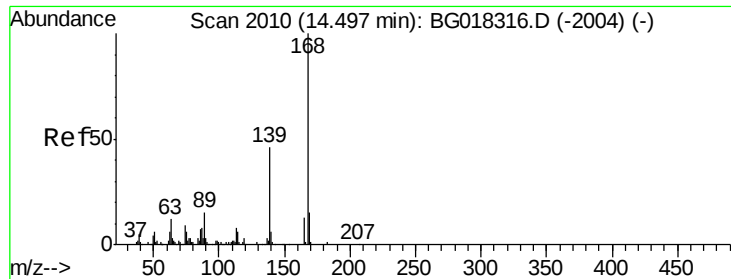
Tgt Ion:184 Resp: 796
Ion Ratio Lower Upper
184 100
63 73.5 49.1 73.7
154 64.8 49.6 74.4



#53
4-Nitrophenol
Concen: 175.87 ng/ul
RT: 14.40 min Scan# 1993
Delta R.T. 0.03 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

Tgt Ion:109 Resp: 178555
Ion Ratio Lower Upper
109 100
139 63.2 47.6 71.4
65 86.8 67.2 100.8





#54

Dibenzofuran

Concen: 149.56 ng/ul

RT: 14.51 min Scan# 2012

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

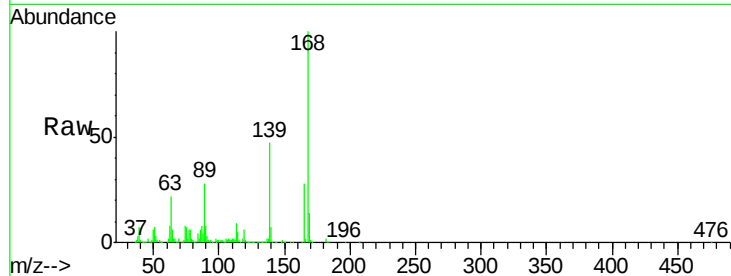
SSTD16077

Tgt Ion:168 Resp: 808876

Ion Ratio Lower Upper

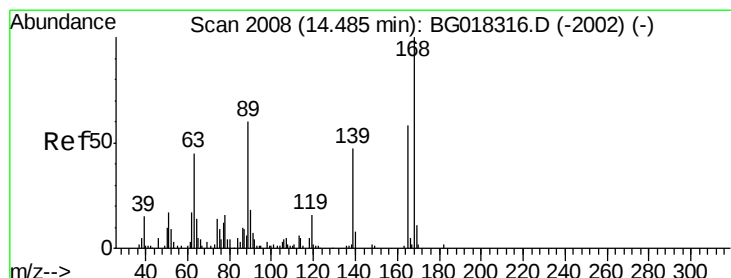
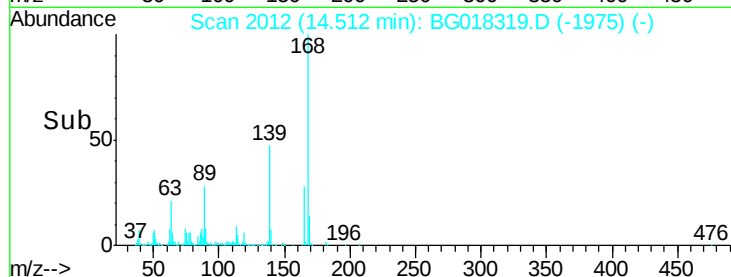
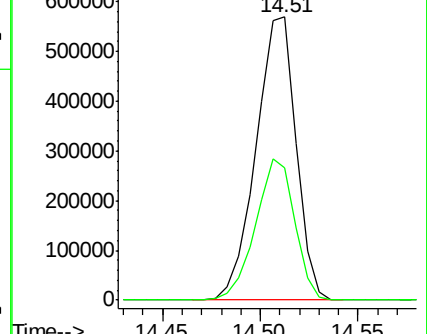
168 100

139 46.6 36.6 55.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 152.49 ng/ul

RT: 14.51 min Scan# 2011

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

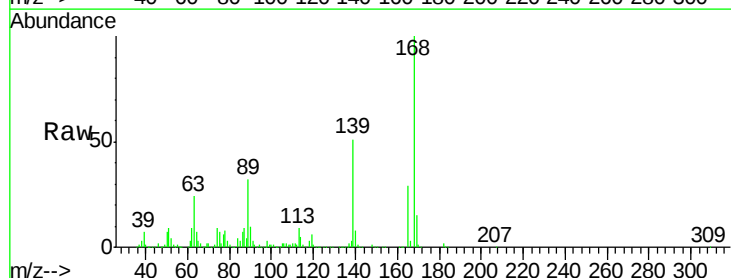
Tgt Ion:165 Resp: 236887

Ion Ratio Lower Upper

165 100

63 83.6 61.2 91.8

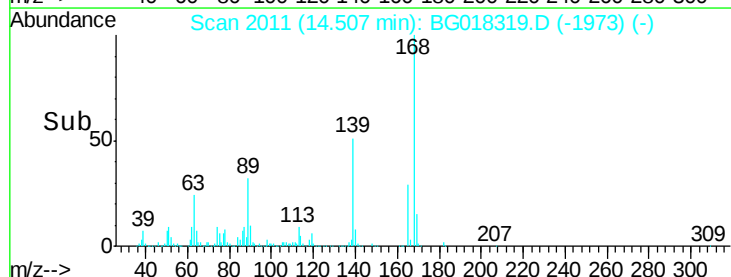
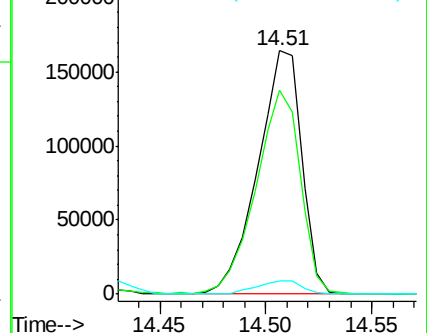
182 5.4 3.0 4.6#

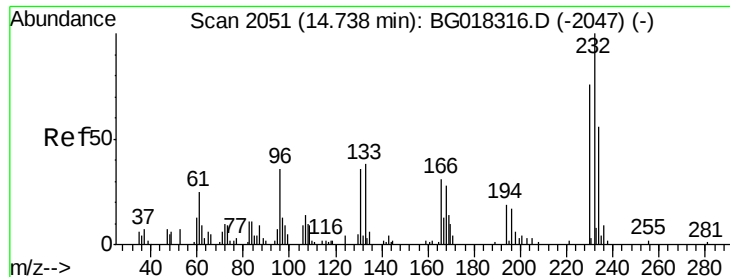


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 161.03 ng/ul

RT: 14.75 min Scan# 2053

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

SSTD16077

Tgt Ion:232 Resp: 181553

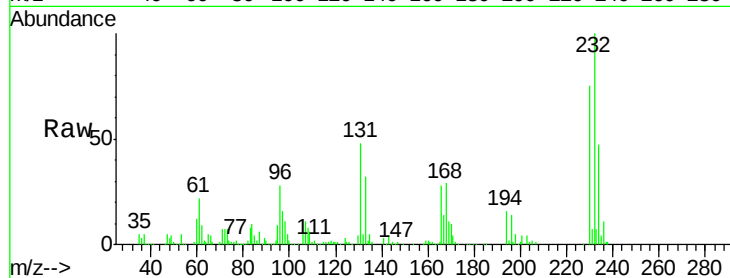
Ion Ratio Lower Upper

232 100

131 48.1 31.0 46.6#

130 3.7 4.3 6.5#

166 28.2 25.0 37.6

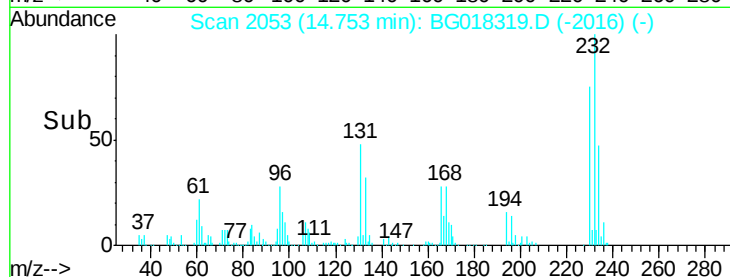


Abundance Ion 232.00 (231.70 to 232.70): E

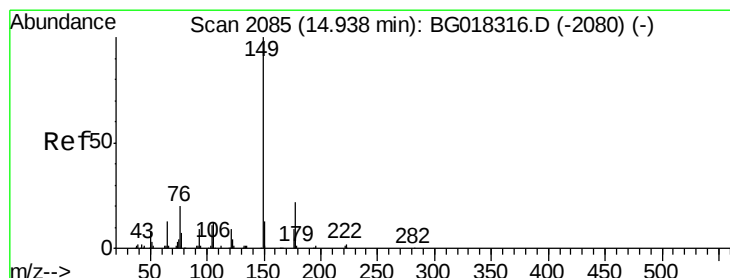
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#57

Diethylphthalate

Concen: 139.14 ng/ul

RT: 14.96 min Scan# 2088

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

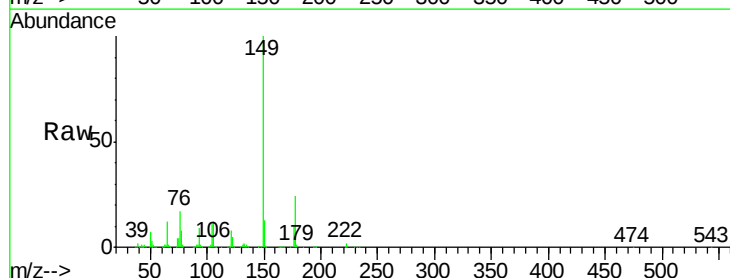
Tgt Ion:149 Resp: 738693

Ion Ratio Lower Upper

149 100

177 23.8 17.7 26.5

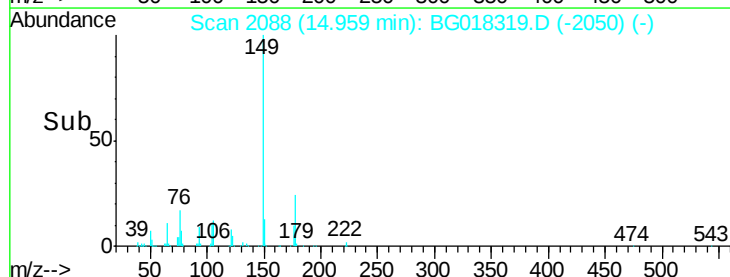
150 12.5 10.7 16.1



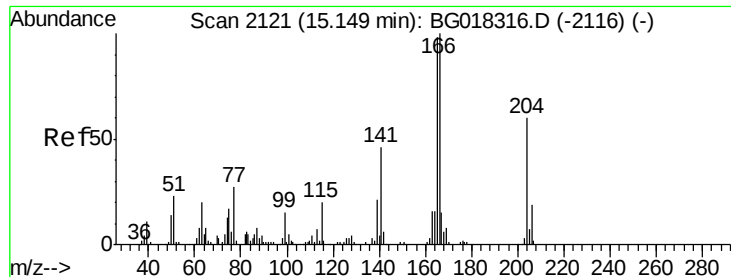
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#59

Fluorene

Concen: 155.82 ng/ul

RT: 15.16 min Scan# 2123

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

SSTD16077

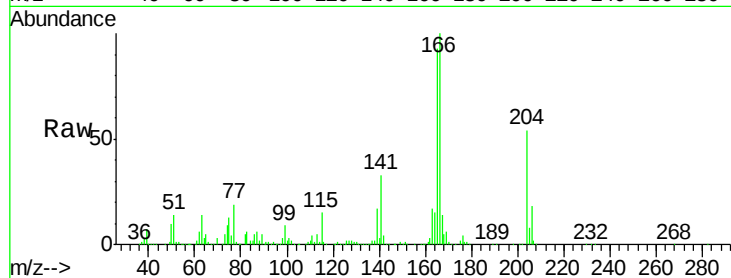
Tgt Ion:166 Resp: 731688

Ion Ratio Lower Upper

166 100

165 93.2 78.5 117.7

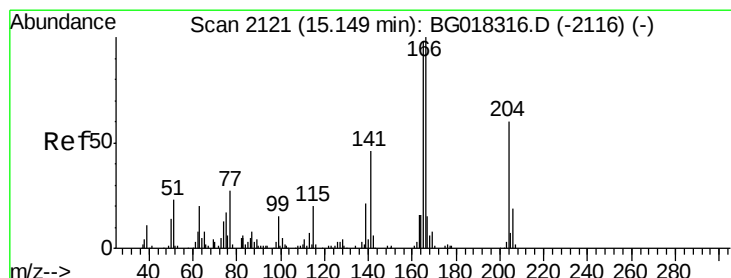
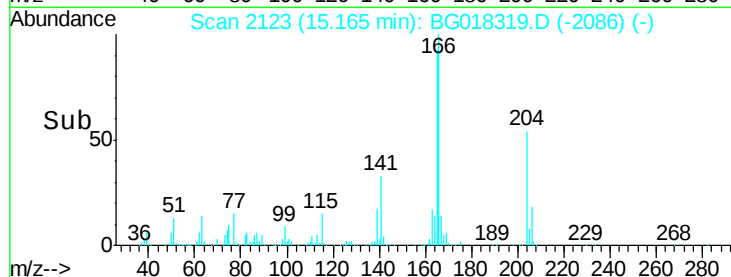
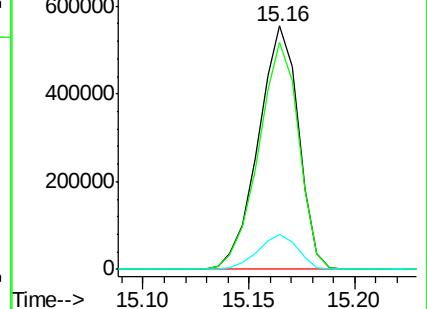
167 14.2 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 159.60 ng/ul

RT: 15.16 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

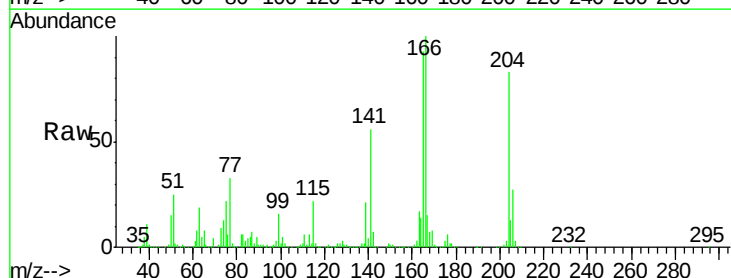
Tgt Ion:204 Resp: 428928

Ion Ratio Lower Upper

204 100

206 32.9 25.7 38.5

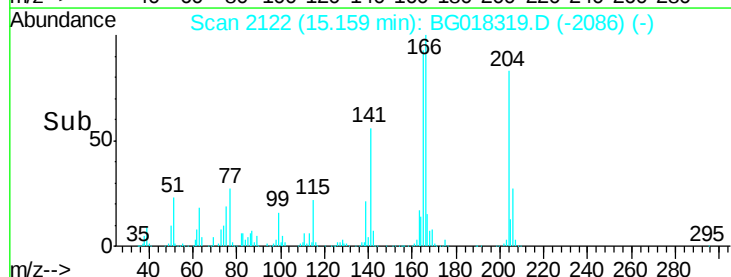
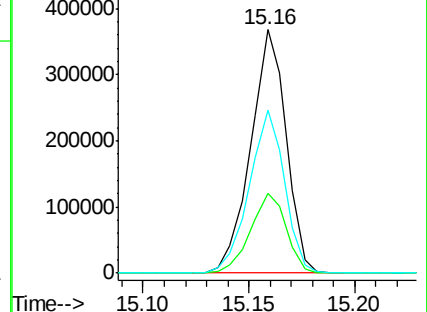
141 67.1 60.6 91.0

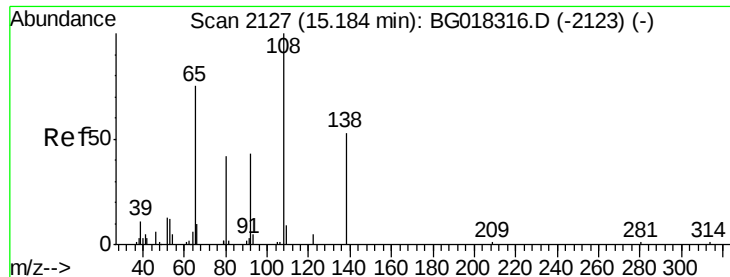


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

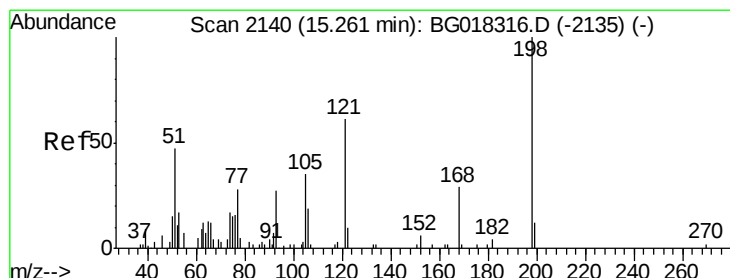
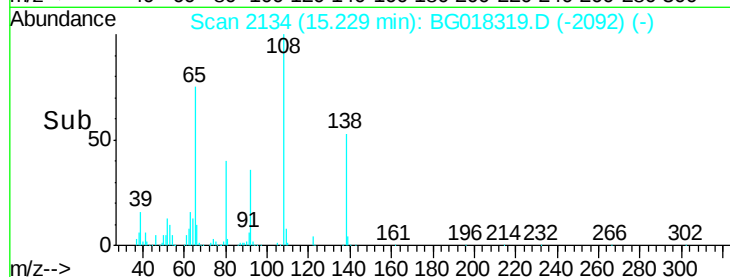
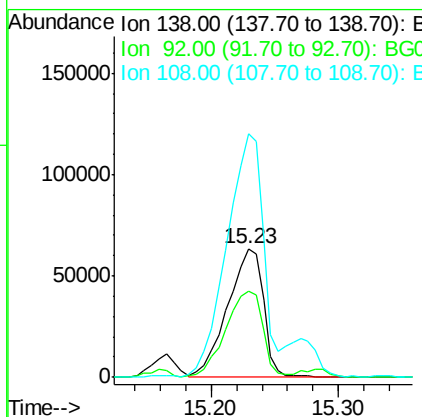
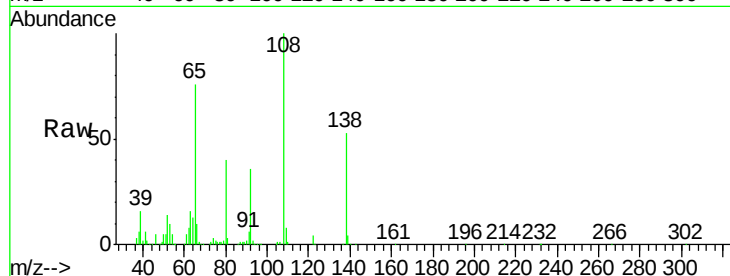




#61
4-Nitroaniline
Concen: 135.78 ng/ul
RT: 15.23 min Scan# 2134
Delta R.T. 0.04 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

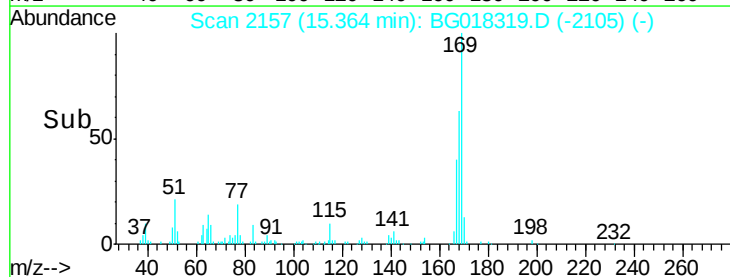
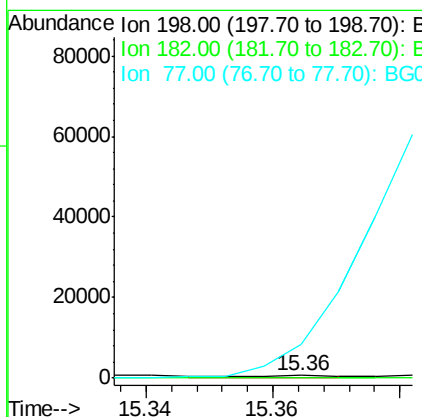
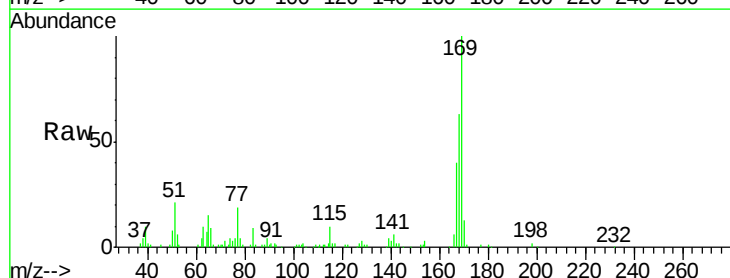
Instrument :
BNA_G
ClientSampleId :
SSTD16077

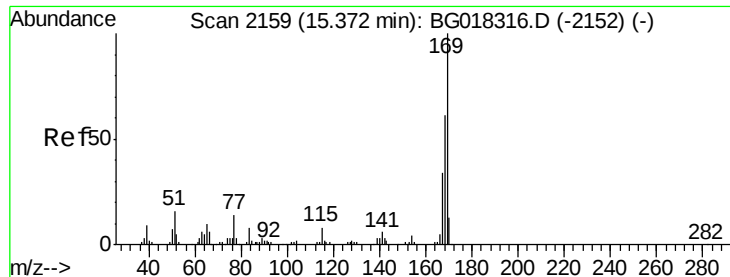
Tgt Ion:138 Resp: 124727
Ion Ratio Lower Upper
138 100
92 67.2 60.7 91.1
108 188.7 145.8 218.6



#64
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng/ul
RT: 15.36 min Scan# 2157
Delta R.T. 0.10 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

Tgt Ion:198 Resp: 712
Ion Ratio Lower Upper
198 100
182 0.0 3.5 5.3#
77 1161.3 25.4 38.2#





#65

N-Nitrosodiphenylamine

Concen: 18.79 ng/ul

RT: 15.39 min Scan# 2161

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

SSTD16077

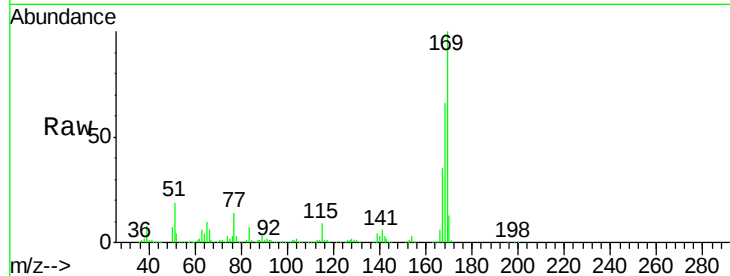
Tgt Ion:169 Resp: 567670

Ion Ratio Lower Upper

169 100

168 66.2 48.8 73.2

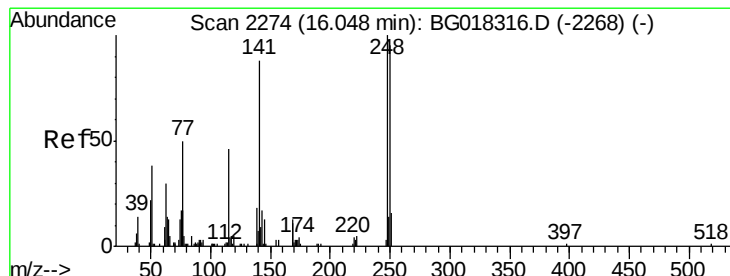
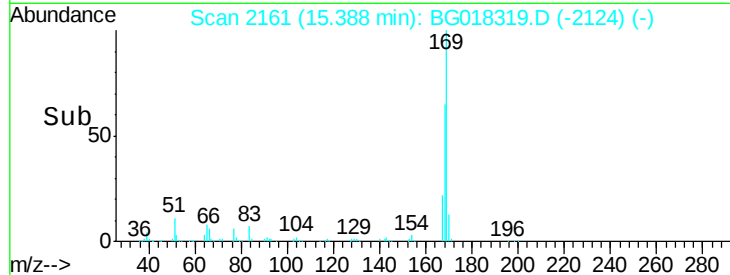
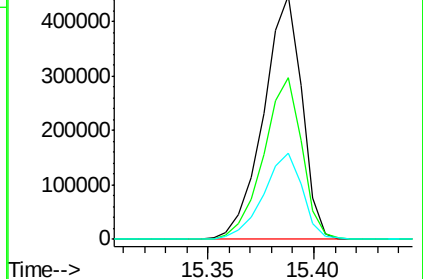
167 35.2 27.4 41.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 20.01 ng/ul

RT: 16.06 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

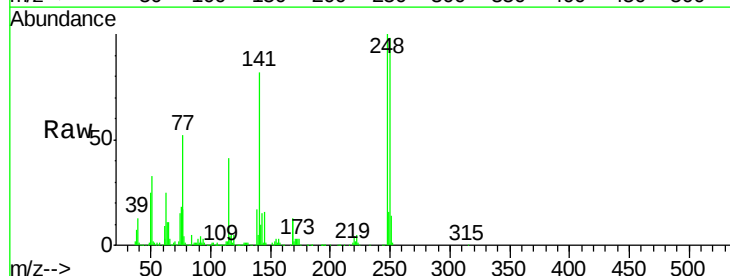
Tgt Ion:248 Resp: 270299

Ion Ratio Lower Upper

248 100

250 98.1 76.2 114.4

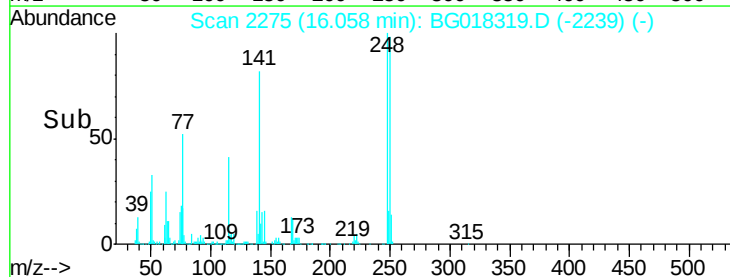
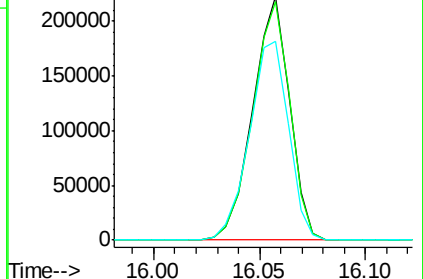
141 81.7 70.5 105.7

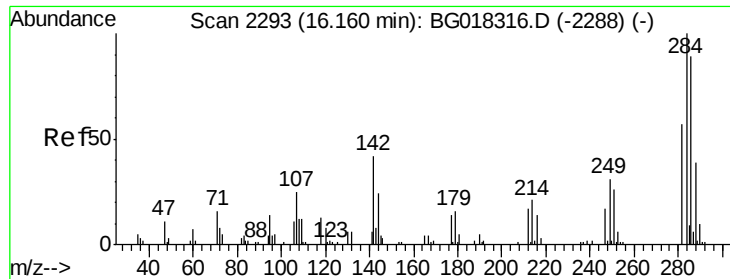


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

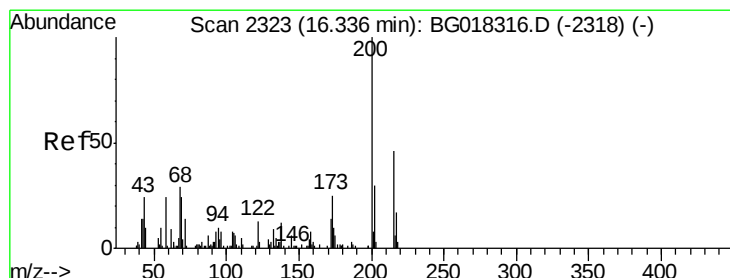
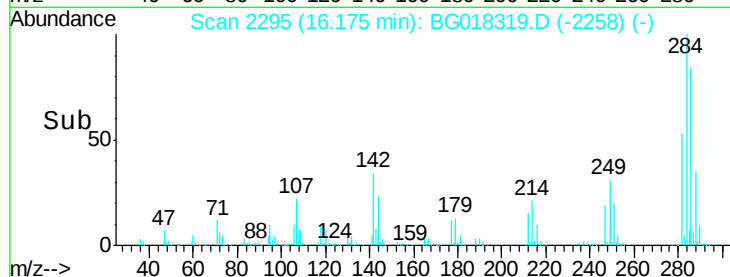
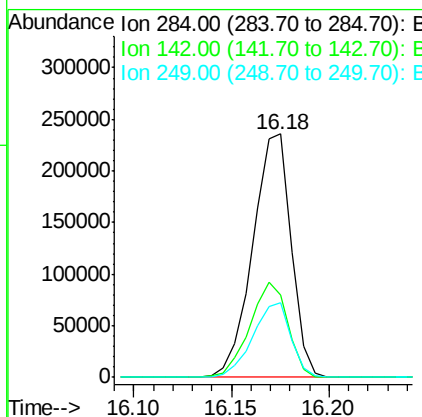
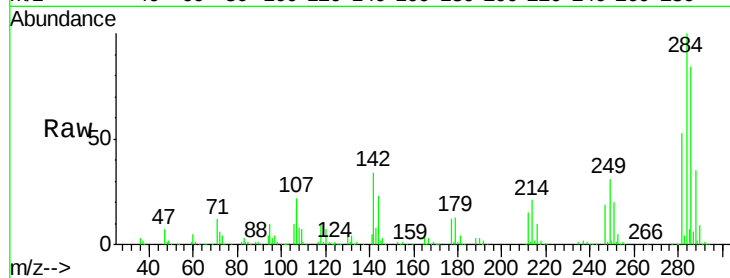




#67
Hexachlorobenzene
Concen: 19.61 ng/ul
RT: 16.18 min Scan# 2295
Delta R.T. 0.02 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

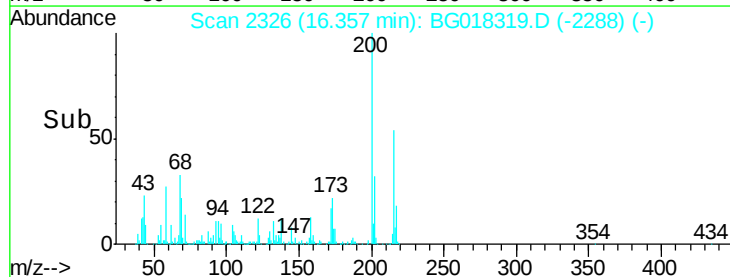
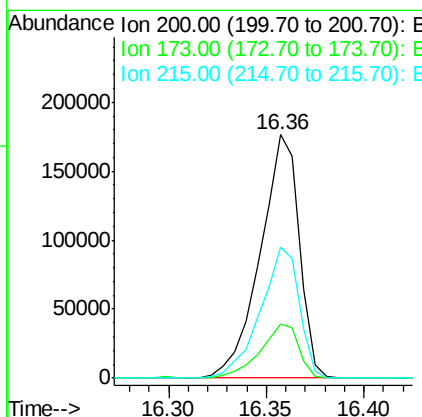
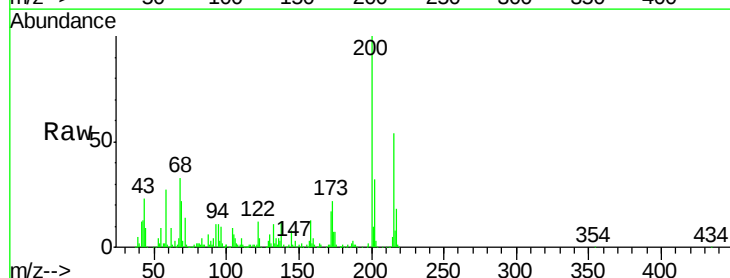
Instrument :
BNA_G
ClientSampleId :
SSTD16077

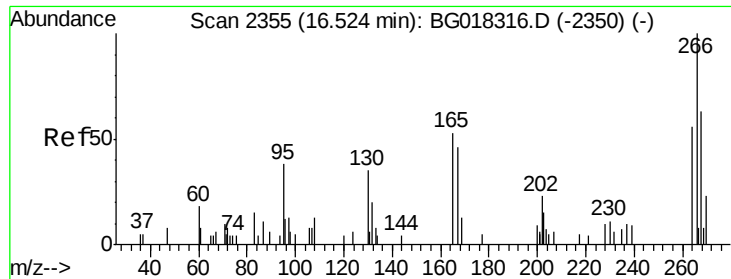
Tgt Ion: 284 Resp: 322005
Ion Ratio Lower Upper
284 100
142 33.7 34.0 51.0#
249 30.8 26.6 40.0



#68
Atrazine
Concen: 18.35 ng/ul
RT: 16.36 min Scan# 2326
Delta R.T. 0.02 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

Tgt Ion: 200 Resp: 243309
Ion Ratio Lower Upper
200 100
173 22.4 20.3 30.5
215 53.7 37.0 55.6

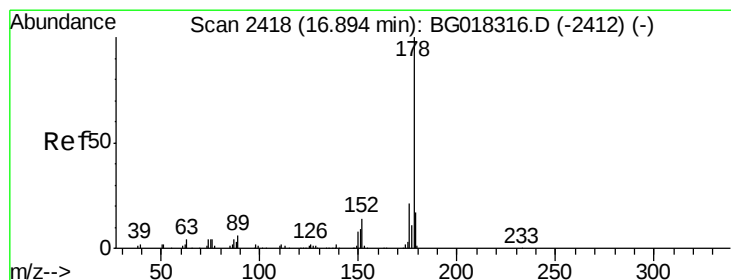
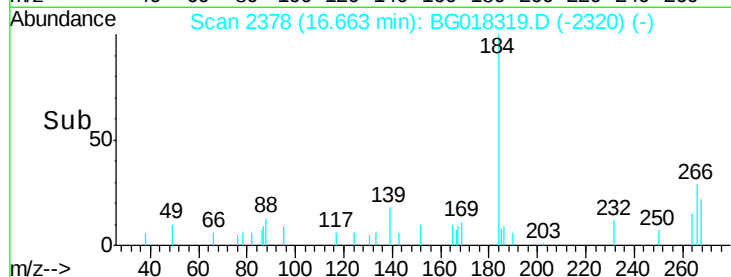
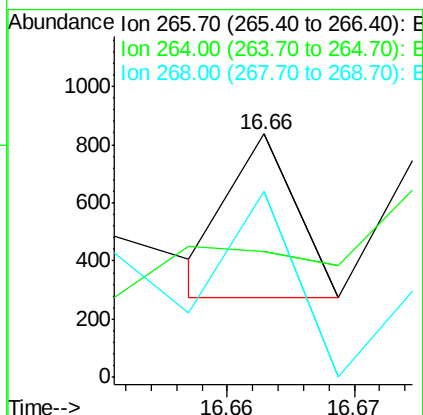
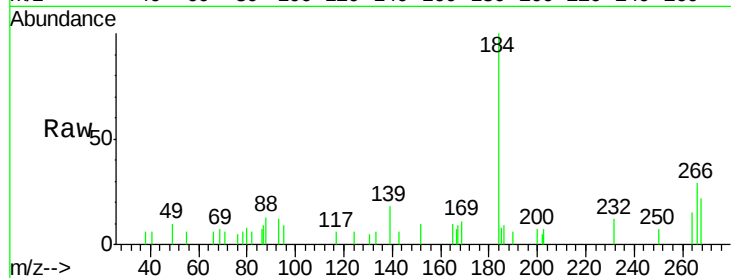




#69
 Pentachlorophenol
 Concen: 0.04 ng/ul
 RT: 16.66 min Scan# 2378
 Delta R.T. 0.14 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

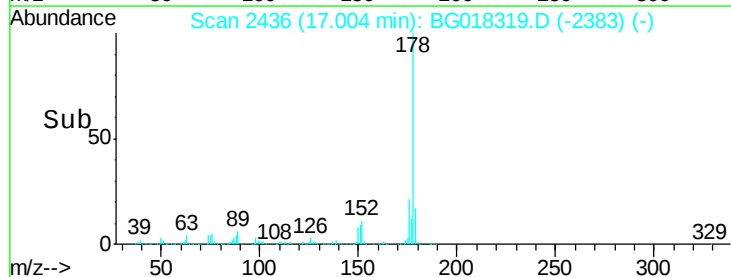
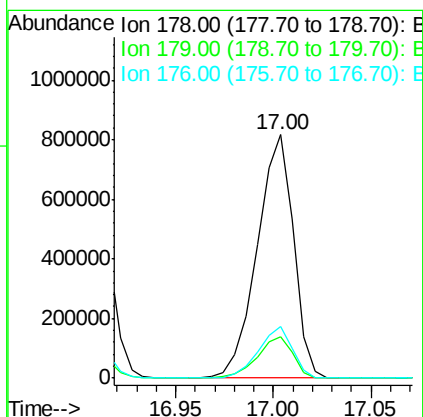
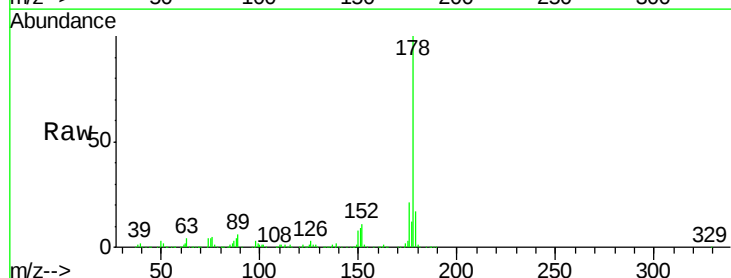
Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

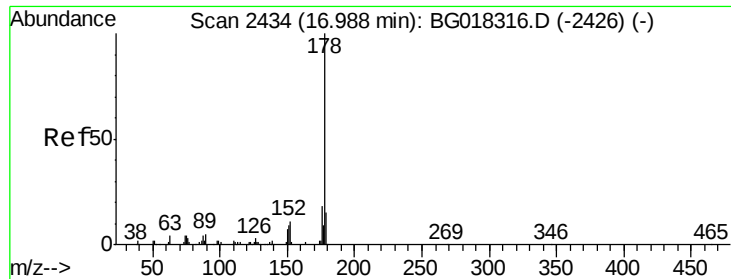
Tgt Ion:266 Resp: 198
 Ion Ratio Lower Upper
 266 100
 264 51.6 44.7 67.1
 268 76.5 56.6 84.8



#70
 Phenanthrene
 Concen: 18.04 ng/ul
 RT: 17.00 min Scan# 2436
 Delta R.T. 0.11 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

Tgt Ion:178 Resp: 1047158
 Ion Ratio Lower Upper
 178 100
 179 16.9 13.4 20.2
 176 21.0 16.7 25.1





#72

Anthracene

Concen: 17.94 ng/uL

RT: 17.00 min Scan# 2436

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

SSTD16077

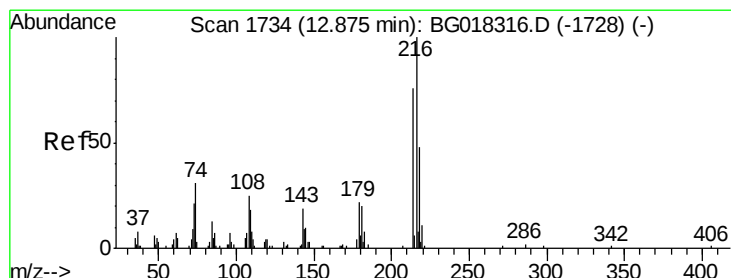
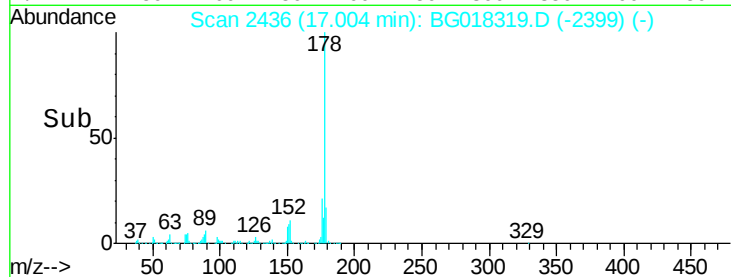
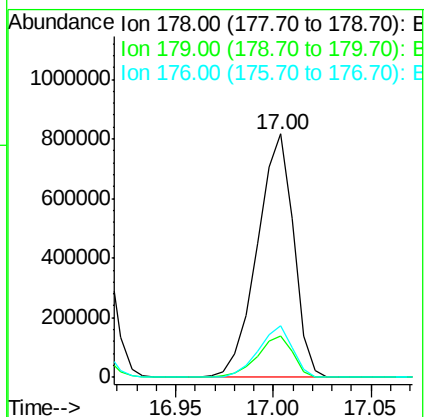
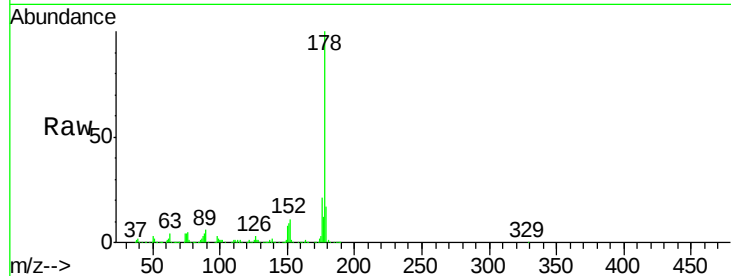
Tgt Ion:178 Resp: 1047158

Ion Ratio Lower Upper

178 100

179 16.9 11.8 17.8

176 21.0 14.7 22.1



#73

1,2,3,4-Tetrachlorobenzene

Concen: 21.01 ng/uL

RT: 12.88 min Scan# 1735

Delta R.T. 0.01 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

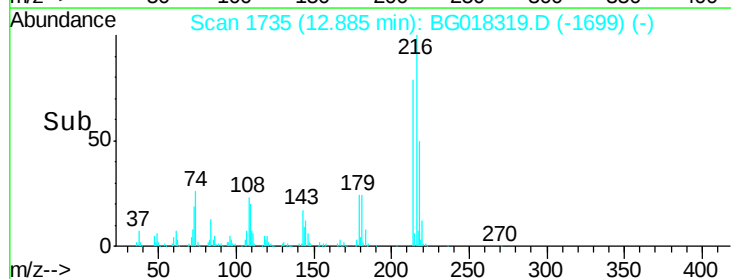
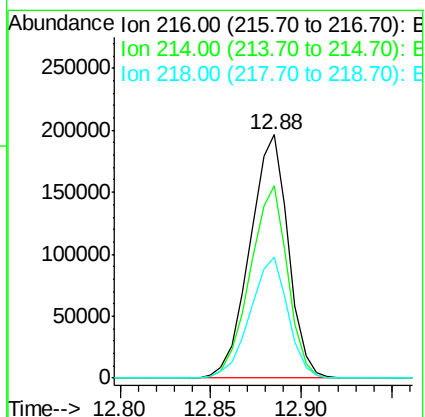
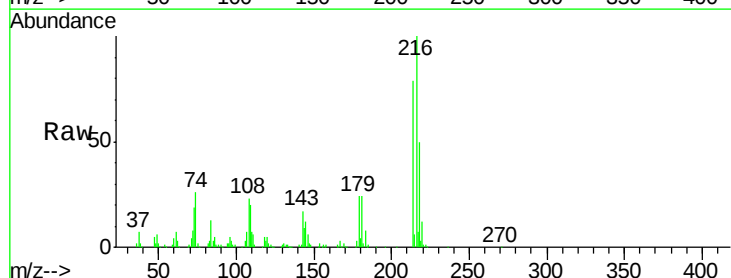
Tgt Ion:216 Resp: 290449

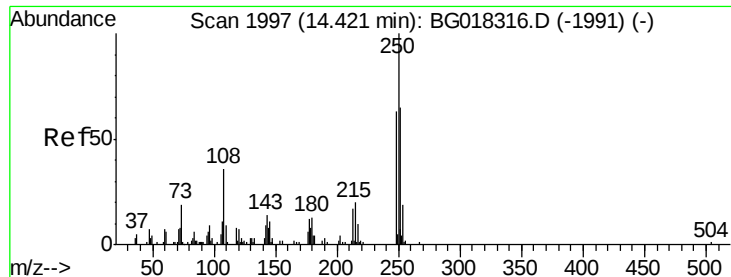
Ion Ratio Lower Upper

216 100

214 79.1 60.9 91.3

218 49.7 38.3 57.5





#74

Pentachlorobenzene

Concen: 20.79 ng/uL

RT: 14.43 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

SSTD16077

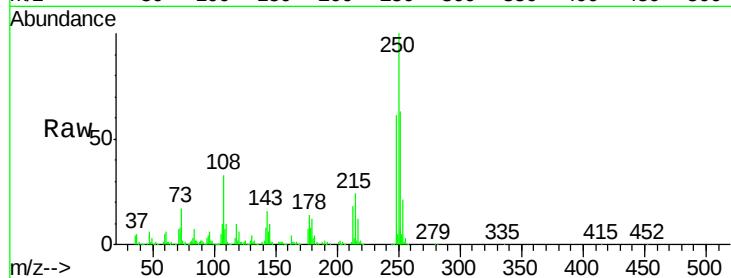
Tgt Ion:250 Resp: 329406

Ion Ratio Lower Upper

250 100

248 61.3 50.7 76.1

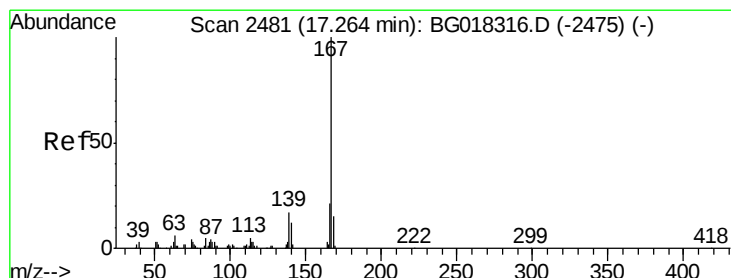
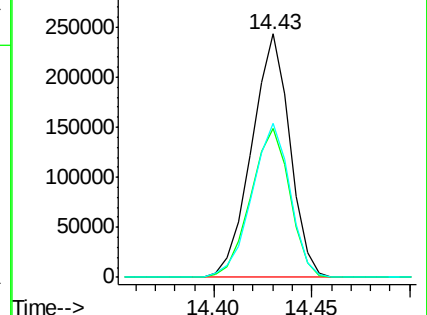
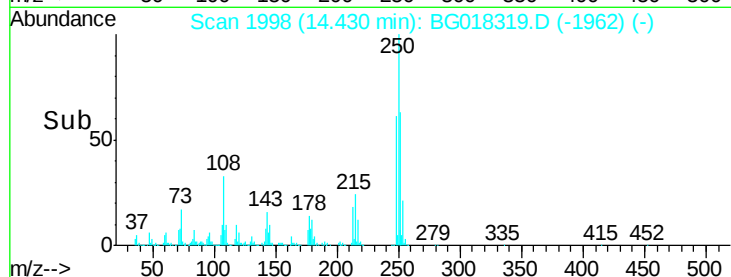
252 63.5 55.5 83.3



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 18.84 ng/uL

RT: 17.28 min Scan# 2483

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

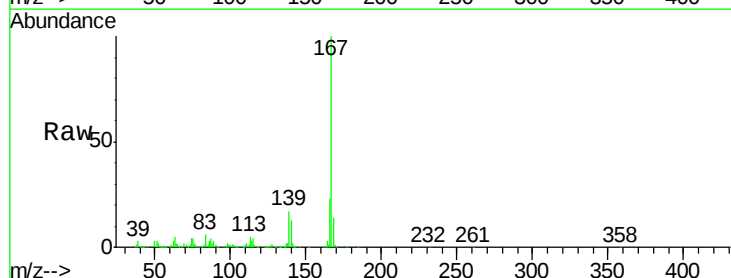
Tgt Ion:167 Resp: 847205

Ion Ratio Lower Upper

167 100

166 22.7 16.5 24.7

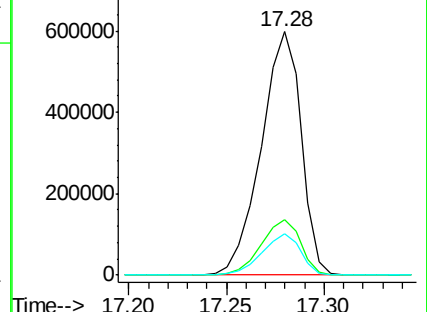
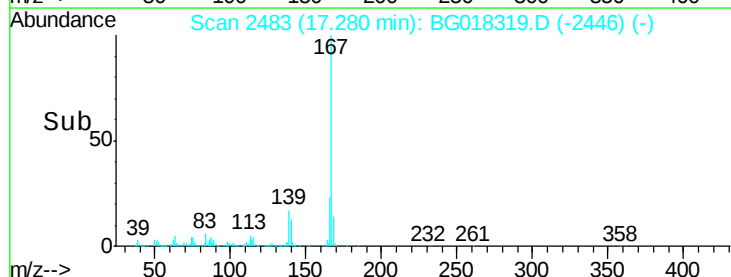
139 17.1 13.4 20.2

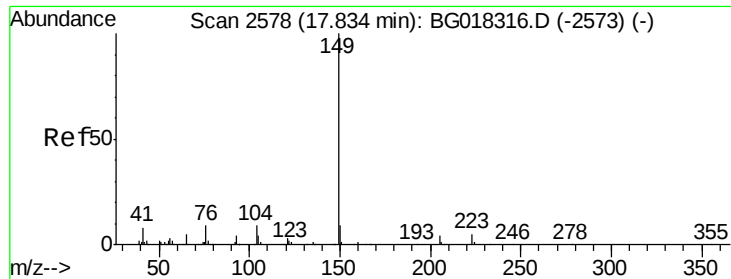


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

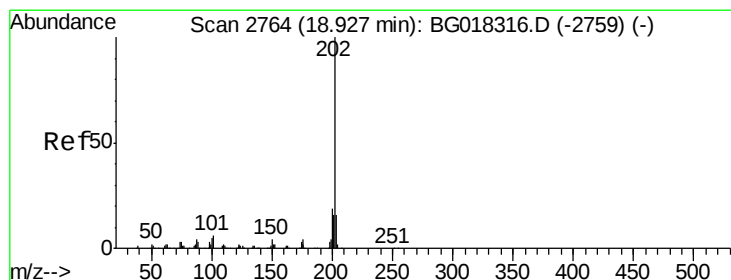
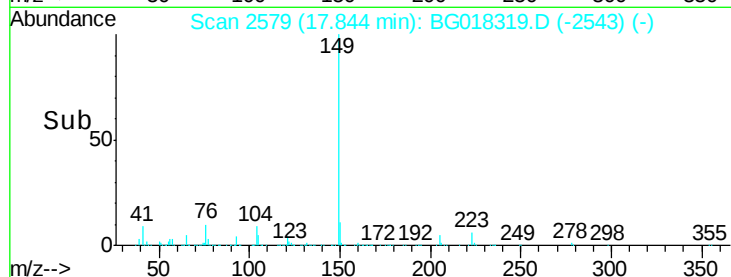
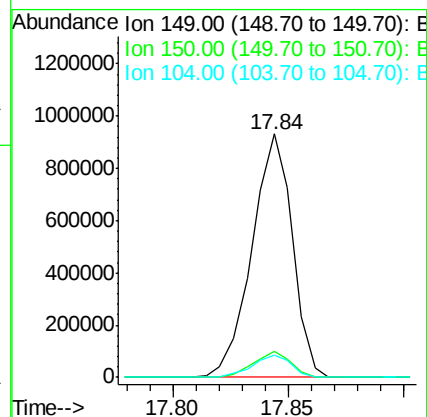
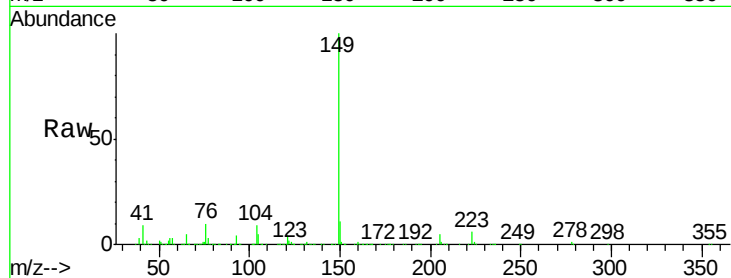




#76
Di-n-butylphthalate
Concen: 16.67 ng/ul
RT: 17.84 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

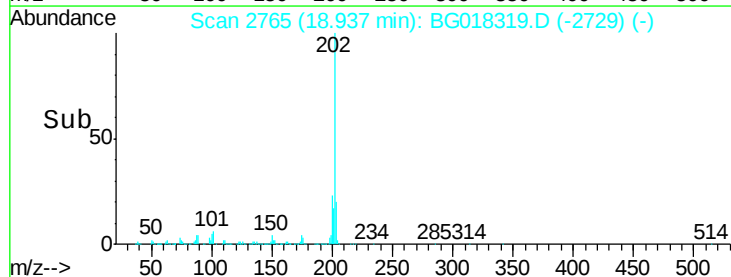
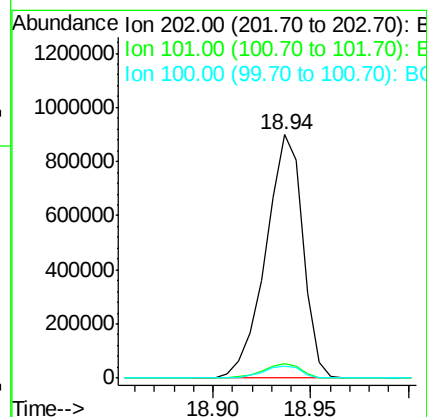
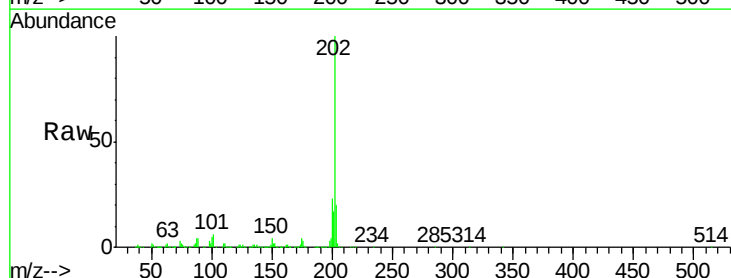
Instrument :
BNA_G
ClientSampleId :
SSTD16077

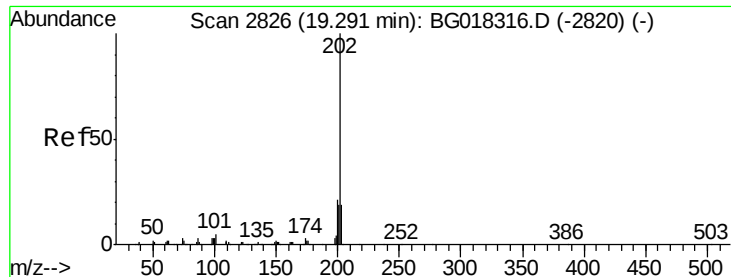
Tgt Ion:149 Resp: 1134485
Ion Ratio Lower Upper
149 100
150 10.6 7.0 10.6#
104 9.3 6.9 10.3



#77
Fluoranthene
Concen: 18.86 ng/ul
RT: 18.94 min Scan# 2765
Delta R.T. 0.01 min
Lab File: BG018319.D
Acq: 8 Aug 2015 7:50

Tgt Ion:202 Resp: 1185037
Ion Ratio Lower Upper
202 100
101 6.1 4.5 6.7
100 5.0 3.9 5.9





#80

Pyrene

Concen: 135.15 ng/ul

RT: 19.31 min Scan# 2828

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

SSTD16077

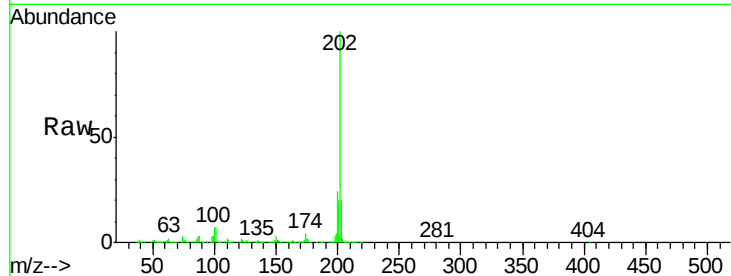
Tgt Ion:202 Resp: 1147628

Ion Ratio Lower Upper

202 100

101 7.0 4.4 6.6#

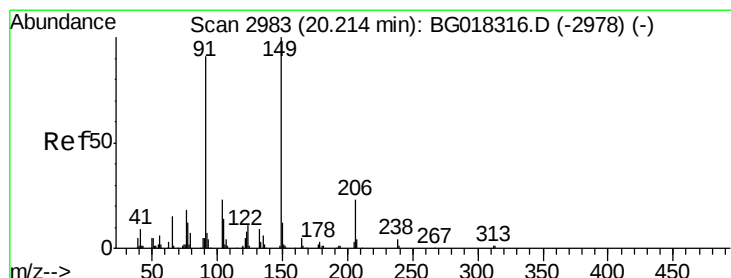
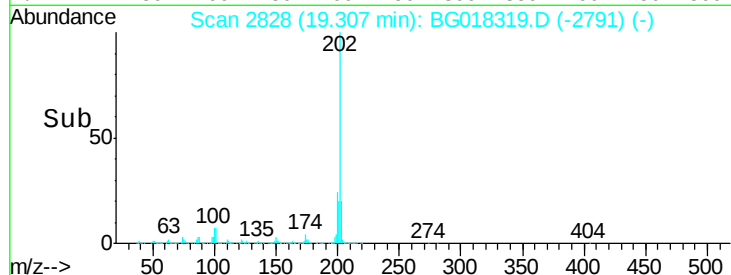
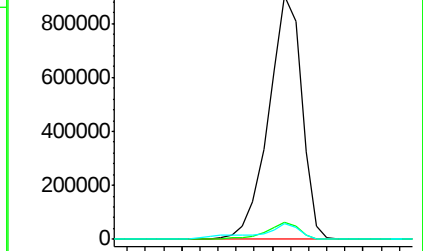
100 6.6 3.8 5.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#81

Butylbenzylphthalate

Concen: 144.12 ng/ul

RT: 20.22 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

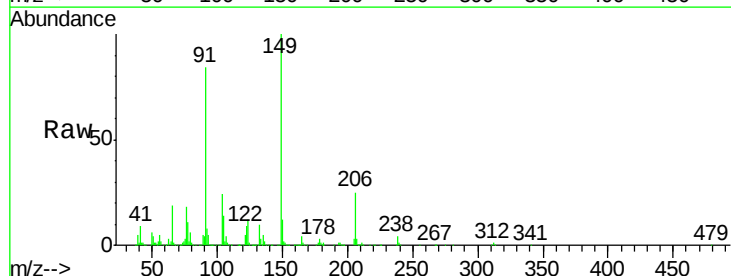
Tgt Ion:149 Resp: 534828

Ion Ratio Lower Upper

149 100

91 83.6 72.5 108.7

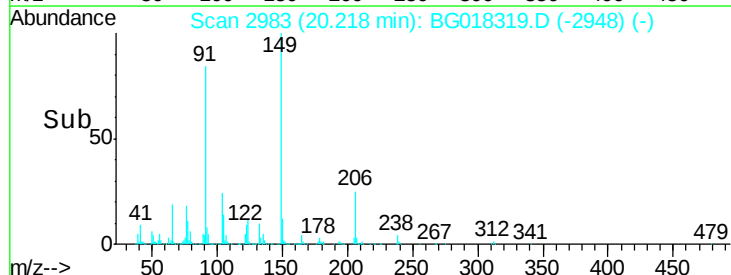
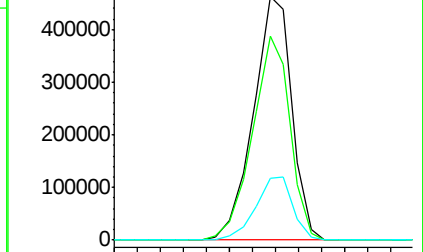
206 25.2 18.3 27.5

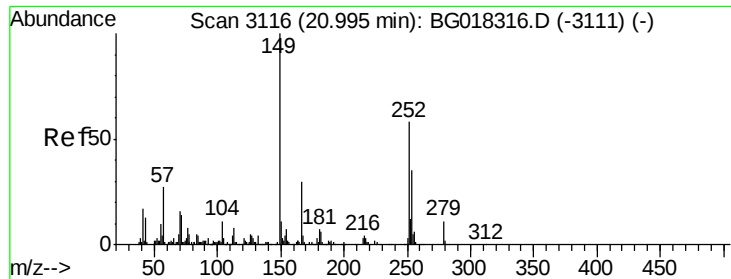


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

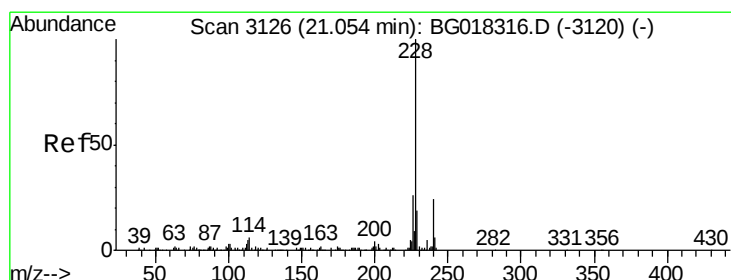
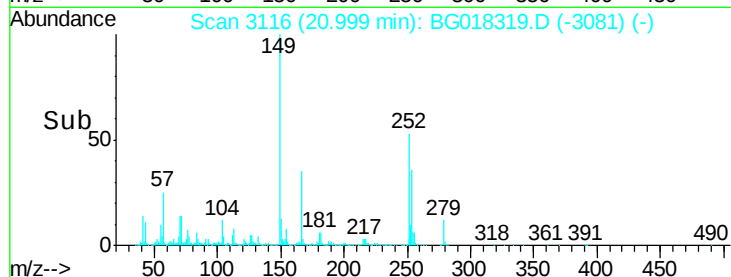
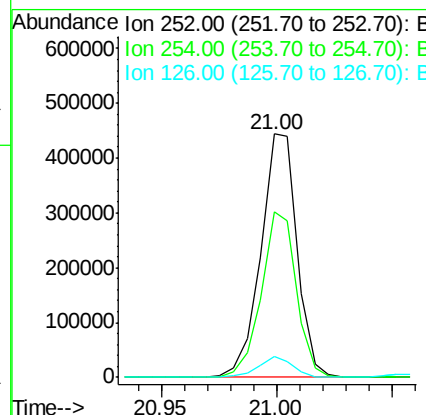
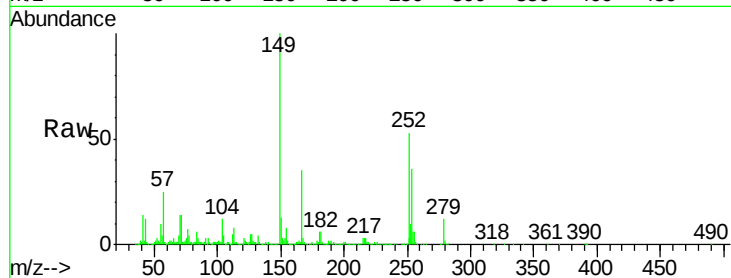




#82
 3,3'-Dichlorobenzidine
 Concen: 160.67 ng/ul
 RT: 21.00 min Scan# 3116
 Delta R.T. 0.00 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

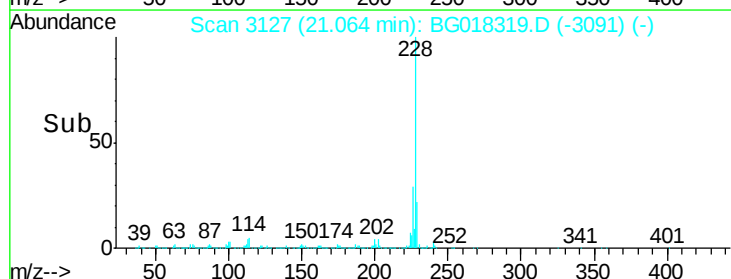
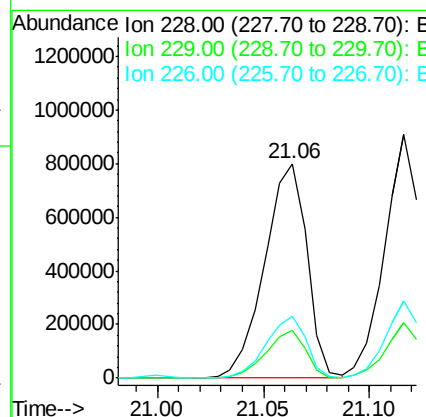
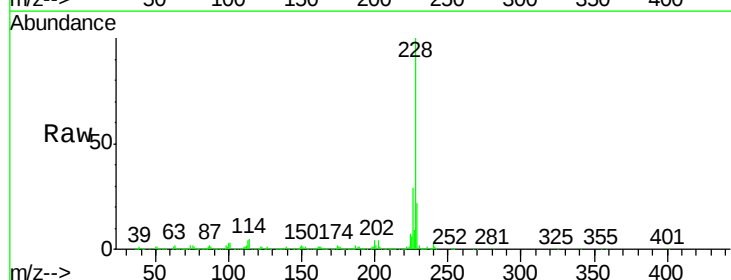
Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

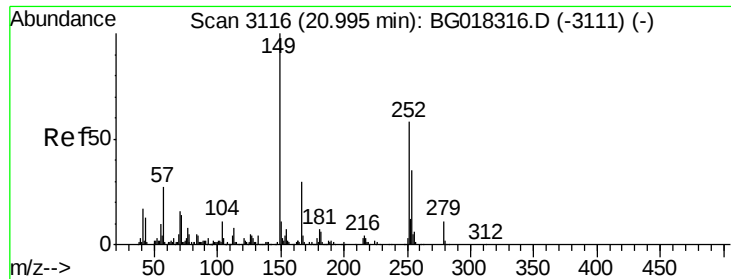
Tgt Ion:252 Resp: 484615
 Ion Ratio Lower Upper
 252 100
 254 67.8 49.1 73.7
 126 8.6 6.3 9.5



#83
 Benzo(a)anthracene
 Concen: 140.64 ng/ul
 RT: 21.06 min Scan# 3127
 Delta R.T. 0.01 min
 Lab File: BG018319.D
 Acq: 8 Aug 2015 7:50

Tgt Ion:228 Resp: 1115311
 Ion Ratio Lower Upper
 228 100
 229 22.0 15.4 23.2
 226 28.7 20.9 31.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 165.40 ng/ul

RT: 21.00 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

SSTD16077

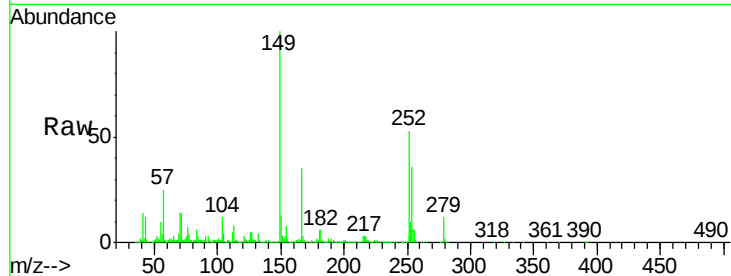
Tgt Ion:149 Resp: 830795

Ion Ratio Lower Upper

149 100

167 35.2 24.2 36.4

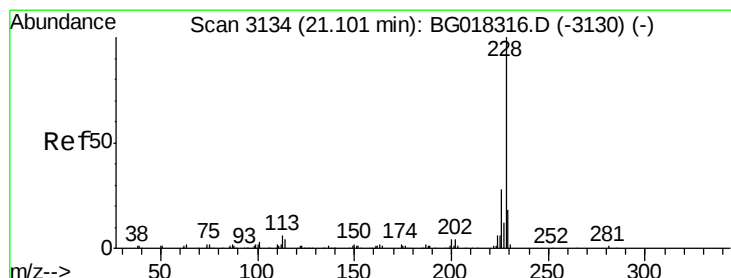
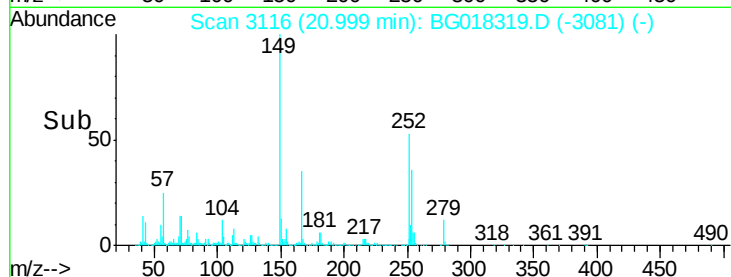
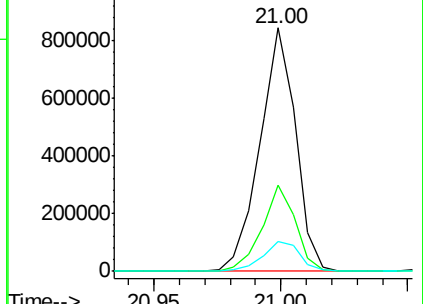
279 12.3 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 141.15 ng/ul

RT: 21.12 min Scan# 3136

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

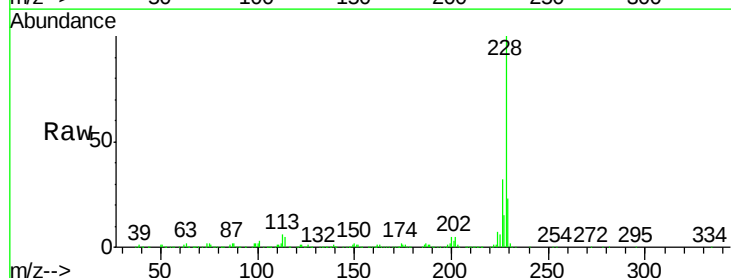
Tgt Ion:228 Resp: 1035482

Ion Ratio Lower Upper

228 100

226 31.8 22.6 33.8

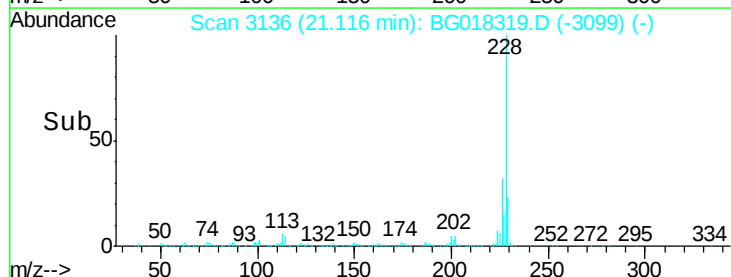
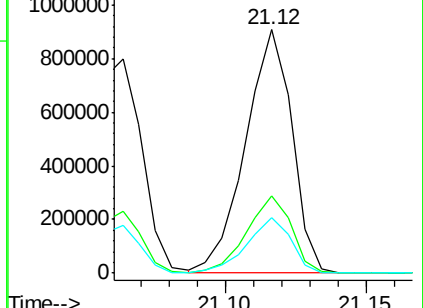
229 22.9 14.2 21.2#

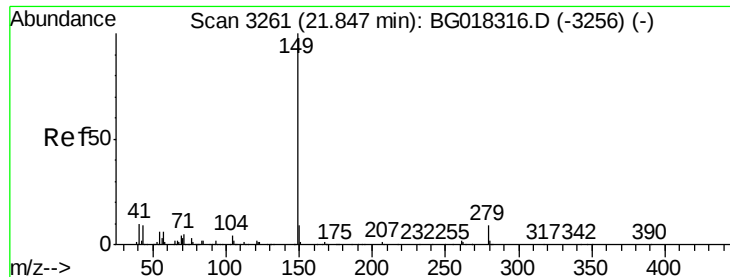


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 166.37 ng/ul

RT: 21.86 min Scan# 3262

Delta R.T. 0.01 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

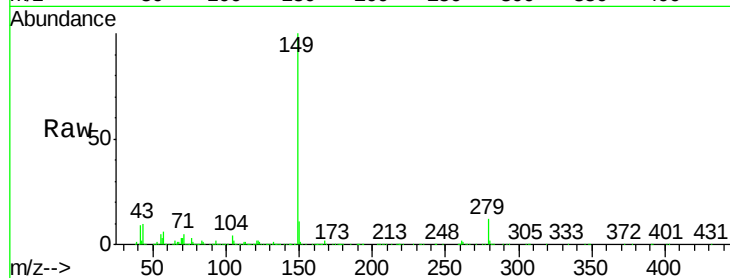
Instrument :

BNA_G

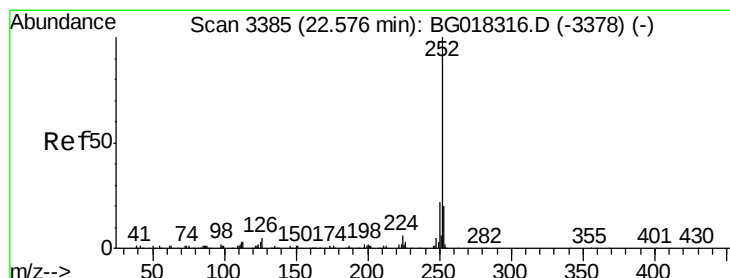
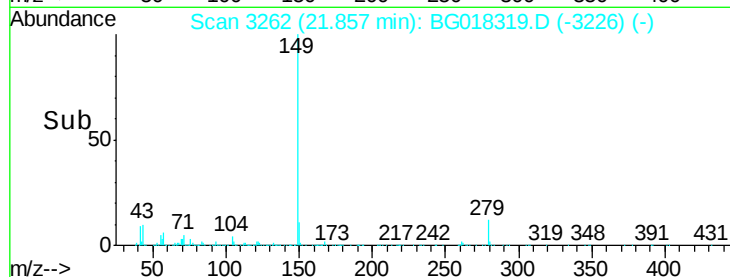
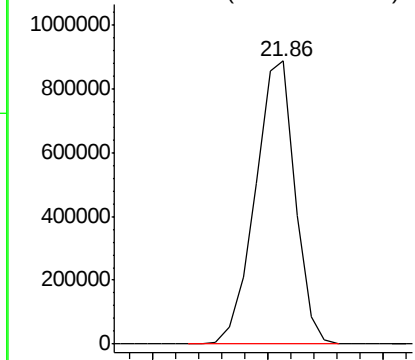
ClientSampleId :

SSTD16077

Tgt Ion:149 Resp: 1062460



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 167.30 ng/ul

RT: 22.59 min Scan# 3387

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

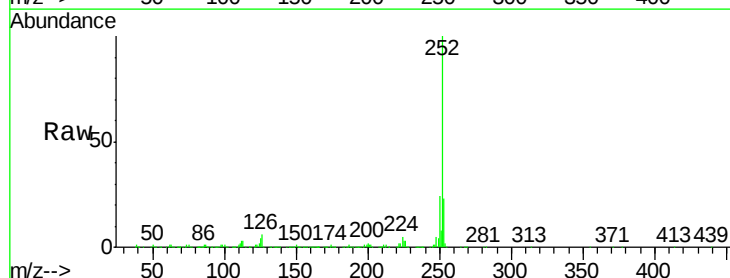
Tgt Ion:252 Resp: 1176199

Ion Ratio Lower Upper

252 100

253 23.3 16.2 24.4

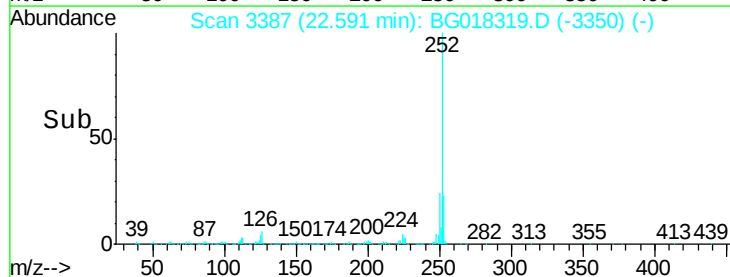
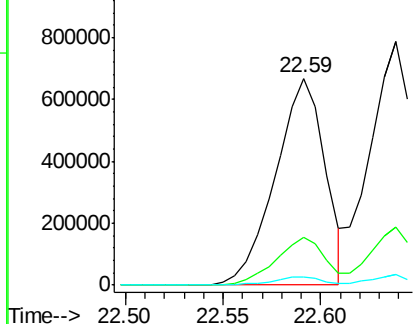
125 4.1 2.4 3.6#

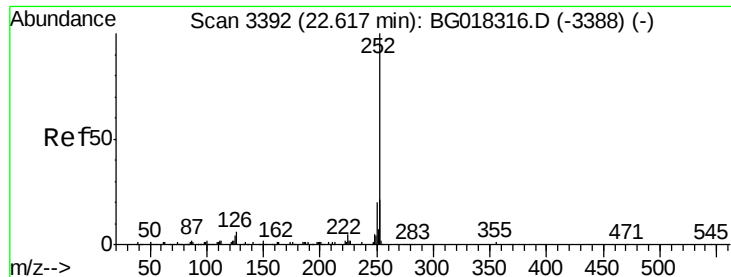


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 171.24 ng/ul

RT: 22.64 min Scan# 3395

Delta R.T. 0.02 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

SSTD16077

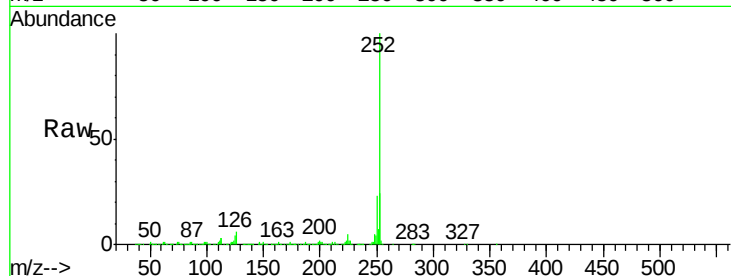
Tgt Ion:252 Resp: 1150039

Ion Ratio Lower Upper

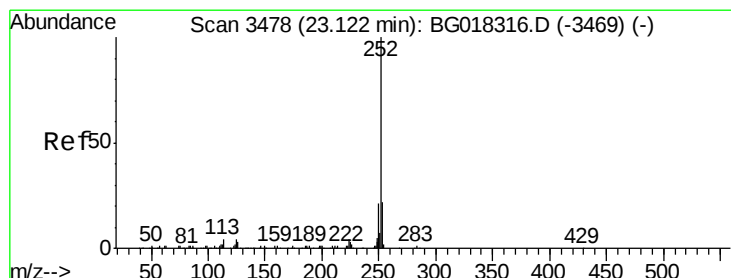
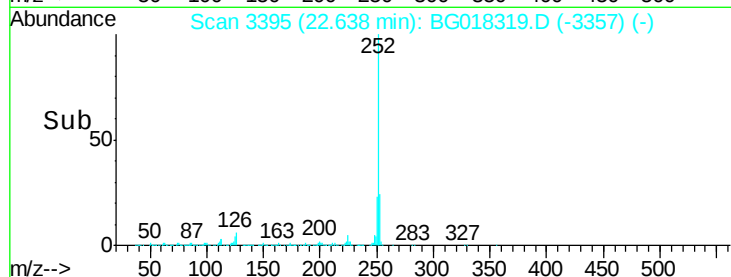
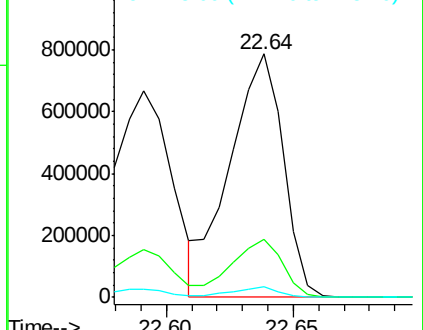
252 100

253 23.7 17.4 26.0

125 4.5 3.3 4.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 168.29 ng/ul

RT: 23.16 min Scan# 3483

Delta R.T. 0.03 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

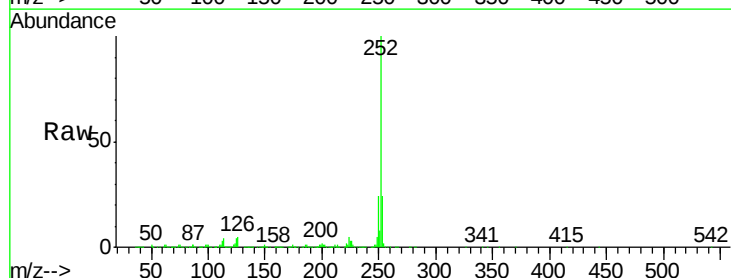
Tgt Ion:252 Resp: 1065435

Ion Ratio Lower Upper

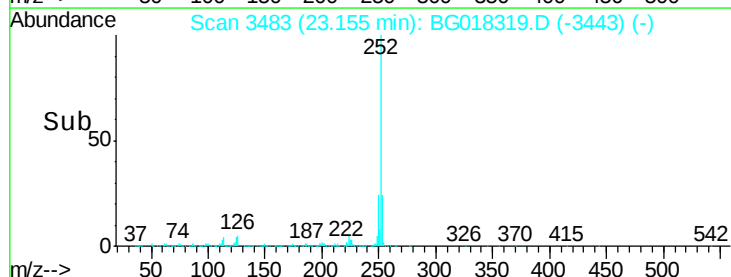
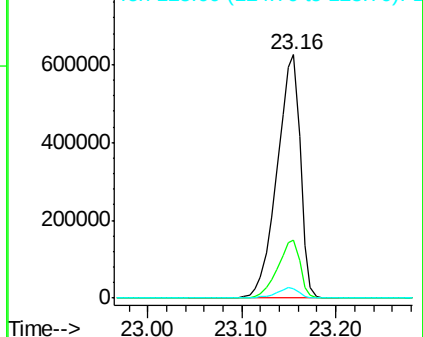
252 100

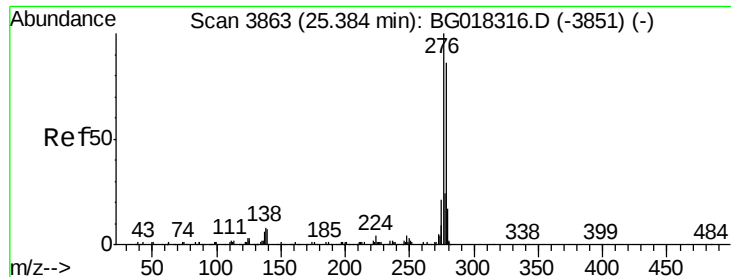
253 24.0 17.2 25.8

125 3.7 2.8 4.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 183.05 ng/ul

RT: 25.44 min Scan# 3872

Delta R.T. 0.06 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

SSTD16077

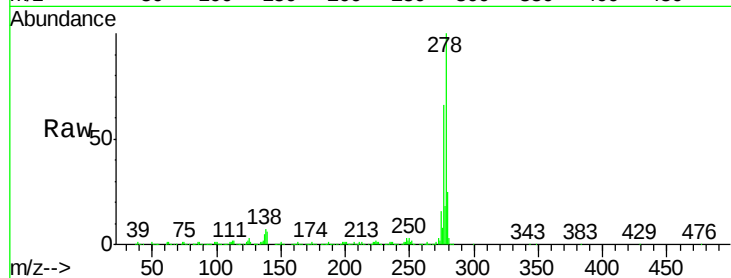
Tgt Ion:276 Resp: 1415649

Ion Ratio Lower Upper

276 100

138 10.3 6.6 9.8#

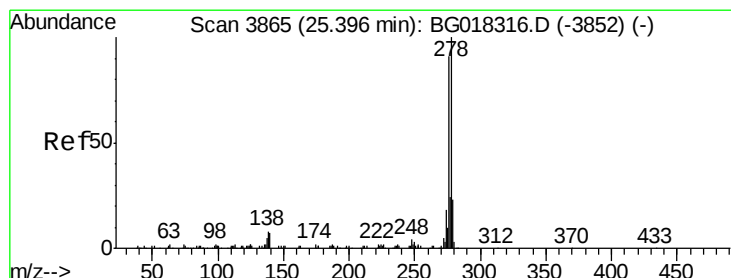
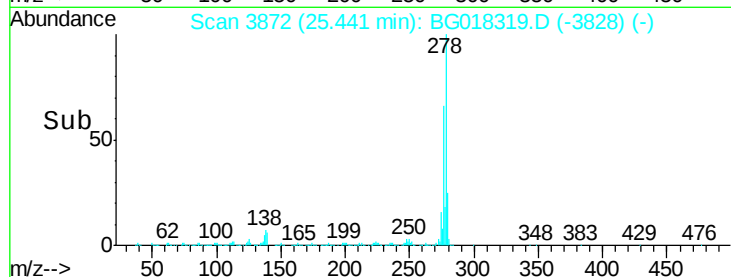
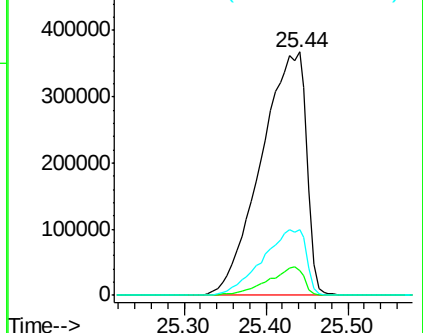
277 27.2 18.9 28.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 185.34 ng/ul

RT: 25.44 min Scan# 3872

Delta R.T. 0.04 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

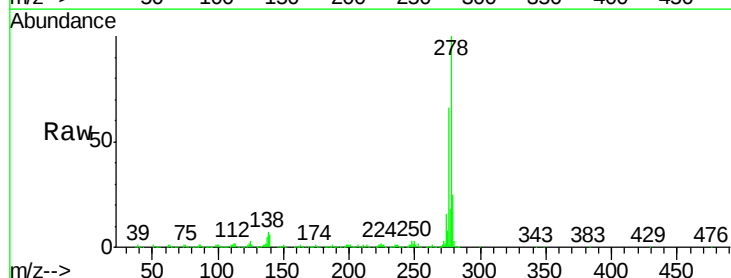
Tgt Ion:278 Resp: 1249105

Ion Ratio Lower Upper

278 100

139 6.4 5.4 8.0

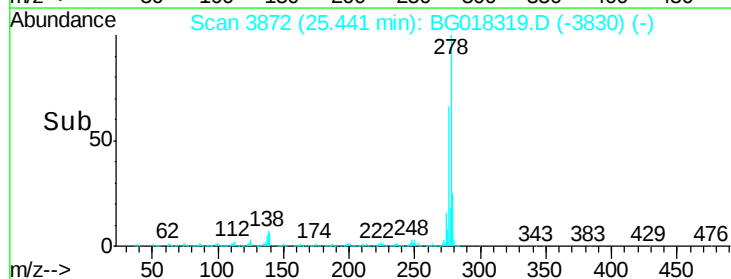
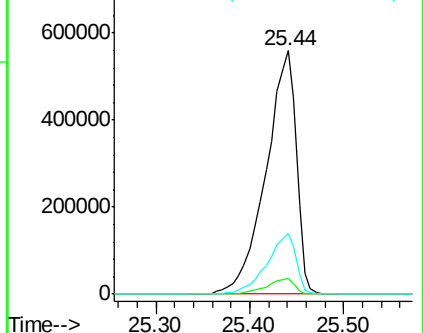
279 24.7 18.2 27.4

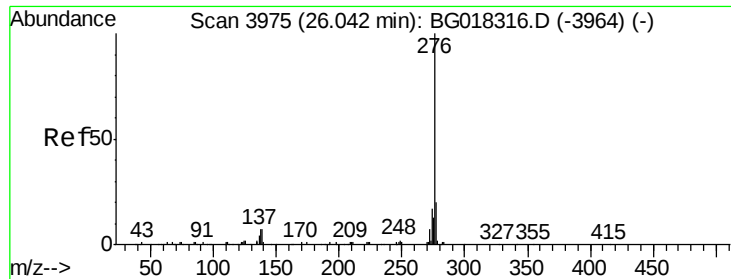


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 171.00 ng/ul

RT: 26.09 min Scan# 3983

Delta R.T. 0.05 min

Lab File: BG018319.D

Acq: 8 Aug 2015 7:50

Instrument :

BNA_G

ClientSampleId :

SSTD16077

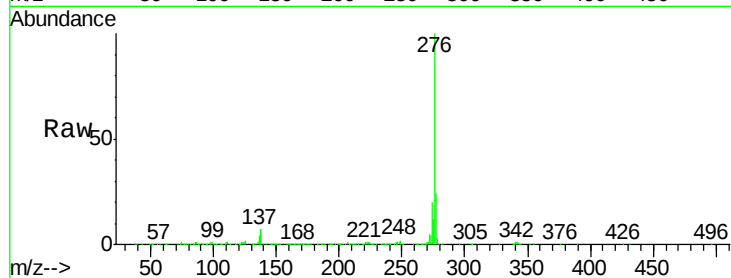
Tgt Ion:276 Resp: 1077300

Ion Ratio Lower Upper

276 100

138 6.9 5.8 8.6

277 24.2 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

